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BOOK FOR FLORISTS

Spring 1938

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PETUNIA - VAUGHAN'S ALL DOUBLE DWARF MIXTURE

Vaughan's Seed Store

CHICAGO . . . NEW YORK

Vaughan's Giant Pansies

Vaughan's Improved Swiss Giant Mixture

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.80**; oz., **$6.00**; 2 oz., **$11.50**; 4 oz., **$20.00**; lb., **$70.00**.

Vaughan's Super Swiss Giant Mixture

We have made a special mixture from three of our growers' stocks. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., **50c**; ⅛ oz., **$1.20**; ¼ oz., **$2.00**; ½ oz., **$3.75**; oz., **$7.00**.

Swiss Alpenglow. Rich wine-red shades. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.75**; oz., **$6.00**.

Swiss Berna. Dark violet-blue. Trade pkt., **50c**; ⅛ oz., **85c**; ¼ oz., **$1.50**; oz., **$5.00**.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blue blotches. Ideal for cemetery planting. Trade pkt., **50c**; ⅛ oz., **85c**; ¼ oz., **$1.50**; oz., **$5.00**.

Delft Blue. Porcelain blue, a very unique color. Trade pkt., **50c**; ⅛ oz., **90c**; ¼ oz., **$1.65**; oz., **$6.00**.

Swiss Fire Beacon. Very unusual shade, bright wallflower red with a touch of orange, similar in effect to Wallflower Fire King. Trade pkt., **50c**; ¼ oz., **$2.25**; oz., **$8.00**.

Swiss Ophir. Blotched golden yellow. Trade pkt., **50c**; ¼ oz., **$1.75**; oz., **$6.00**.

Swiss Pure Yellow. The flowers are not so large as those of the other Swiss sorts. Trade pkt., **50c**; ¼ oz., **$1.35**; oz., **$5.00**.

Swiss Pure White. Very free blooming, large, well-shaped flower. The best pure white Pansy. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.75**; oz., **$7.00**.

Swiss Rhinegold. Canary yellow with dark blotches. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.75**; oz., **$6.00**.

Geneva Giant. A special selection of Swiss Giants. The seed we supply is from the originator in Geneva, Switzerland. Trade pkt., **$1.00**; ⅛ oz., **$2.25**; ¼ oz., **$4.20**; oz., **$16.00**.

Swiss DWARF Mixed

For those who desire a dwarfer plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.80**; oz., **$6.00**; 4 oz., **$20.00**.

Vaughan's Maple Leaf Giant Mixed

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. A prize winner. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.80**; oz., **$6.00**; 4 oz., **$20.00**; lb., **$70.00**.

Vaughan's Super Maple Leaf Mixture

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain; while the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., **75c**; ⅛ oz., **$1.30**; ¼ oz., **$2.50**; oz., **$9.00**.

Vaughan's Giant Mixture

Besides a good share of the "Fancy" strains such as Masterpiece, Swiss Giants, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type and of good shape and texture. Trade pkt., **50c**; ¼ oz., **$1.25**; oz., **$4.00**.

Vaughan's International Mixture

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Boulogne Giants—all 3 and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self-colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., **50c**; ⅛ oz., **90c**; ¼ oz., **$1.65**; oz., **$6.00**; 4 oz., **$20.00**.

How to Sow Pansy Seeds. Sow the seeds in a cold frame in light soil without any fertilizer. Cover the seeds very lightly with the same soil and keep moist. Shade the seed bed with cheesecloth or a muslin screen, and as soon as all the plants are up remove the screen. Or you may sow them in a large pot or seed pan.

To be certain of fine, strong Pansy plants, we suggest the following, applying as a top-dressing by the end of March or early April:

2 parts dried blood — 2 parts steamed bone meal — 1 part potash

Vaughan's Novelties and Specialties for 1938

AGERATUM Blue Cap Reselected. The flowers are much larger than those of Little Blue Star and of a deeper and richer color. It also surpasses Blue Ball in dwarfness and compactness of habit and the regular form of its inflorescence. The foliage is small and the plants have the appearance of miniature domes, quite ideal for edgings to flower borders. **Trade pkt., 35c; ¼ oz., $1.00; oz., $3.00.**

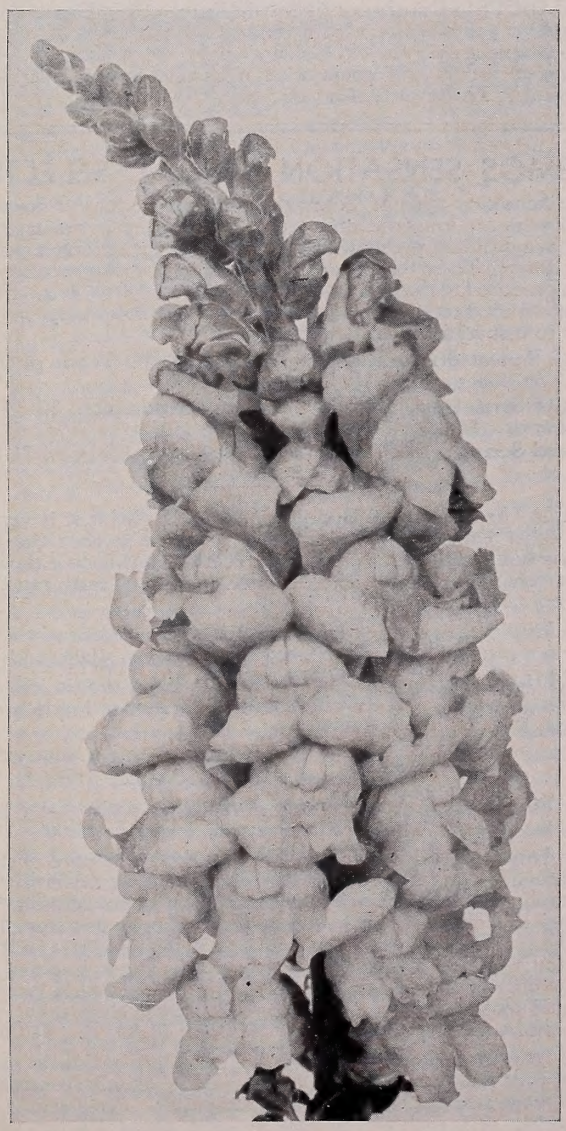
ALYSSUM Benthami Procumbens Snow Cloth. A special selection, each plant absolutely flat and a compact mass of white without green center. Seed saved from transplanted seedlings only. **Trade pkt., 15c; oz., 80c; lb., $8.00.**

ANTIRRHINUM RUST PROOF STRAINS

Growing the Rust-proof strain, seeds germinate better, plants are more vigorous, the foliage clean, flowers large and of fine color and the flowering season prolonged.

Majus Grandiflorum Yellow Jacket. A clear deep yellow. This is the deepest yellow we have ever seen in the Majus Grand. group. **Trade pkt., 50c.**

Majus Grandiflorum Stoplight. A vivid signal red, so bright that it has been named Stoplight. It is a self, both flower and tube being one solid color. The flowers are large and closely spaced. A fine bright red for any purpose. **Trade pkt., 50c.**



ANTIRRHINUM MAXIMUM SUPER GIANT SWING TIME

AGERATUM BLUE CAP RESELECTED

Majus Grandiflorum Opal Queen. A delicate combination of beautiful shades of pink with a touch of salmon and a little apricot blended together. A pale yellow nose gives emphasis to this lovely color combination. **Trade pkt., 50c.**

Majus Grandiflorum Shasta. Pure white, free flowering. **Trade pkt., 25c; ⅛ oz., 45c; ¼ oz., 80c; oz., $3.00.**

Maximum Super Giant Swing Time. Picture for yourself the loveliest rose pink imaginable, so fresh and crisp looking that it has the appearance of newly made sugar candy, then add a bright yellow touch to the nose and white tube and you have a color combination too lovely to describe. Spikes are huge and evenly packed with immense blooms. **Trade pkt., 50c.**

Maximum Super Giant Golden Glory. This is the deepest yellow we have ever seen in any Snapdragon. It is several shades deeper than Canary Bird. The color is so striking it catches the eye immediately. Flowers are closely spaced on huge trusses. Habit is all that can be desired. **Trade pkt., 50c.**

Super Majestic Rose Sensation. It is the richest, most charming shade of rose pink imaginable, with just a slight touch of salmon to add to its piquancy. Flowers are huge, both tube and flower being one solid color. Trusses are immense and finely tapered. **Trade pkt., 50c.**

Maximum Alaska. White. **Trade pkt., 25c; ⅛ oz., 45c; ¼ oz., 80c; oz., $3.00.**

Autumn Glow. Copper shades. **Trade pkt., 25c; ⅛ oz., 45c; ¼ oz., 80c; oz., $3.00.**

Campfire. Pure luminous scarlet. **Trade pkt., 25c; ⅛ oz., 45c; ¼ oz., 80c; oz., $3.00.**

Canary Yellow. Trade pkt., 25c; ⅛ oz., 45c; ¼ oz., 80c; oz., $3.00.

Daffodil. Beautiful two-tone yellow. **Tr. pkt., 35c; ⅛ oz., $1.00.**

Fair Lady. Silver-pink, white tube and yellow tip on lip. **Trade pkt., 35c; ⅛ oz., 45c; ¼ oz., 80c; oz., $3.00.**

Loveliness. Pure, soft rose-pink. **Trade pkt., 25c; ⅛ oz., 45c; ¼ oz., 80c; oz., $3.00.**

Red Cross. Crimson. **Trade pkt., 25c; ⅛ oz., 45c; ¼ oz., 80c; oz., $3.00.**

Salmon-Pink Shades. Trade pkt., 35c; ⅛ oz., $1.00.

Salmon-Rose Shades. Trade pkt., 35c; ⅛ oz., $1.00.

White Spire. Compact plant, pure white flowers. **Trade pkt., 50c.**

Maximum. Mixed. **Trade pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.00.** Maximum type has huge individual flowers and flower spikes.

Majestic Pearl. Glistening pure white. **Trade pkt., 50c.**

Super Majestic. Autumn Glow Shades Orange Shades Rose Shades Silver Pink Shell Pink Red Shades
Each of above Super Majestic Varieties: **Tr. pkt., 50c; ⅛ oz., $1.00.**

Super Majestic Mixed. Trade pkt., 50c; ⅛ oz., $1.00.

California Giants. A most excellent mixture of Rust-Proof Antirrhinums similar to the Majus Grandiflora type, containing a wonderful color range. **Trade pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.00.**

Flower Seed Novelties and Specialties

BEGONIA SEMPERFLORENS HETEROSIS ESSEN 1938

BEGONIA MULTIFLORA FL. PL. MRS. HELEN HARMS

CAMPANULA COLLINA
See Page 5

ASTER Wilt Resistant Giant Comet Illusion. A soft pastel shade of apricot pink, especially fine for cutting and most effective when used in combination with some blue flower, such as Cynoglossum (Chinese Forget-Me-Not). Plants are two feet tall, upright growth. Since the individual stems are short, it is customary to cut a whole plant as a unit when using flowers. **Trade pkt., 35c; ¼ oz., 60c; oz., $2.20.**

ASTER Wilt Resistant Crego Enchantress. An entirely new color in Asters, a luscious shade of lively salmon rose, distinct from all colors yet developed. Flowers large, free flowering, bloom early in September. **Trade pkt., 40c; ¼ oz., 70c; oz., $2.40.**

NEW BEGONIAS

Semperflorens Scandinavia. A new outstanding large flowered variety for pots. Plants are of good branching habit with dark green foliage and very large flowers in attractive pink shades. This excellent free flowered Begonia can be sown in January for Memorial Day. **Trade pkt., $1.50; 3 trade pkts., $4.00.**

Semperflorens Heterosis Essen 1938. A very striking new color in the semperflorens type. The buds are one inch across and are of a bright cherry red, while the flowers develop later to 2 in. x 1 in. and are an amaranth cerise. The center of the flower appears mauve, thus producing a particularly charming effect. The plants branch freely and grow to a uniform height of 10 in. **Trade pkt., $1.00.**

Multiflora Fl. Pl. Mrs. Helen Harms. Heretofore it has been necessary to propagate this delightful Begonia by means of cuttings. Now we can offer seed which will produce about 90% double flowers. The flowers are a deep canary yellow and are about 1½ in. in diameter. The foliage is small, being narrow and oblong in shape. The illustration is a this year's seedling. In the second year the tubers produce much larger plants and many more flowers. **Trade pkt., $1.00.**

Evansiana. Tall rose pink, a native Japanese variety. Flowers in autumn, semi-hardy Begonia. **Trade pkt., 50c.**

CUPHEA Firefly. This is a semi-dwarf, compact growing annual about 10 to 12 inches in height with a spread of about 12 inches. The flowers are freely produced, and somewhat fluted in formation, a deep rosy scarlet color, deepening to almost purple at the center. The foliage is very attractive, the plants grow very readily from seed and flower in about five months from the time they are sown. A good item for pots and combinations. **Trade pkt., 50c; ⅛ oz., $1.00.**

CALLIOPSIS Drummondi Semi-Double Gold Crest. A rich golden yellow color with a reddish brown zone. A big improvement over the old Golden Wave. Flowers are 2½ to 3 inches across and come with a double row of mammoth petals. **Trade pkt., 15c; oz., 80c.**

COSMOS SENSATION SPECIAL SELECTION

The Sensation type of Cosmos is the favorite for cut flower use. The flowers are immense size, 4 to 5 in. or more in diameter, with broad heavy fluted petals which slightly overlap, giving a very full single flower. These flowers are carried on long strong stems and are freely produced. The plants reach a height of 3 to 4 ft. Flowers appear within 8 to 10 weeks from the time the seed is sown. Some prefer to disbud for even larger blooms.

Pink Sensation, a delightful rose-pink shade. **Trade pkt., 25c; ¼ oz., 55c; oz., $1.80.**

White Sensation, a glistening white. **Trade pkt., 25c; ¼ oz., 55c; oz., $1.80.**

Mixed Sensation. Trade pkt., 25c; ¼ oz., 55c; oz., $1.80.

DAHLIA Unwin's Ideal Bedding Mixed. In habit it is very like the other Unwin Mixture but the difference is that the flower petals are nearly all twisted. Double and semi-double flowers in many charming shades, excellent for cutting. **Trade pkt., 25c; ¼ oz., 60c; oz., $2.00.**

IMPATIENS Sultani Dwarf Scarlet. A dwarf form of this popular pot plant. Blooms for a long period of time. **1000 seeds, 50c.**

IMPATIENS Sultani Dwarf Hybrids. New shades all dwarf growing. May be grown outdoors in half shaded location. **1000 seeds, 50c.**

NEW LARKSPURS

Stock Flowered Lilac Supreme. Deep lilac, a new color in this popular variety. **Trade pkt., 20c; oz., 50c; lb., $5.00.**

Giant Imperial White King. The flowers are a pure glistening white with rounded broad petals. The florets are extremely large and fully double, measuring as much as 2 inches across and are evenly and closely spaced on the stem. This gives a very heavy Hollyhock-like cutting spike from 24 to 30 inches long. The plants are tall, well over 5 feet, and are of the true Giant Imperial basal branching type. Furthermore, White King is very early blooming, coming into flower more than a week earlier than other Giant Imperial varieties. **Trade pkt., 25c; oz., $1.00; lb., $10.00.**

Giant Imperial Gloria Improved. This improved strain has the same type flower as the older variety Gloria, closely spaced florets of average size but with more pointed petals. The strain is early flowering, very even and upright in habit, about 4½ feet tall. It gives a good mass of color, a rich deep rose-salmon. **Trade pkt., 25c; oz., $1.00; lb., $10.00.**

MARIGOLD CHRYSANTHEMUM FLOWERED ORANGE INCURVED.

NEW MARIGOLDS

Tom Thumb Golden Crown. This is a dwarf form of the well known Guinea Gold. Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange and of the same elegant shape and firm substance and are produced in great abundance, often 25 to 30 on a full grown plant. Fine for front row of border. **Trade pkt., 35c; ¼ oz., 60c; oz., $2.00.**

Mrs. Lippincott. Quite a departure from the "Ball Type" Marigold; petals are folded for more than half their length and flare out broadly at the ends, giving a pretty frilled effect. Plants grow 3 ft. tall, well branched and covered with attractive rich creamy yellow flowers 2½ in. across. **Trade pkt., 25c; ¼ oz., 70c; oz., $2.25.**

Burpee Gold. Another Marigold minus the disagreeable odor. Beautiful carnation-like form, attractive habit, uniformity of color and blooming time, fully double. Flowers are an even rich deep orange color, 3½ in. across. They somewhat resemble Guinea Gold, being made up of loosely arranged rays or petals which are shallowly fluted. **100 seeds, 20c; 500 seeds, 80c.**

Chrysanthemum Flowered Incurved Mixed. This new strain is identical in form of flower to a lovely incurved Chrysanthemum. The plants are very floriferous and the stems are good and strong for cutting. Colors vary from deep orange to light orange and from deep yellow to light yellow. **Trade pkt., 35c; ¼ oz., 80c; oz., $2.80.**

Gigantea Sunset Giants. The new Mammoth Marigold. 3½ to 4 ft. A new strain producing the largest flowers, sometimes 7½ inches, but averaging smaller in garden culture. Color varies, yellow and orange, plants heavy and vigorous, flowers 60 percent double. **Trade pkt., 35c; ¼ oz., 50c; oz., $1.80.**

Floribunda Orange. Height 12 to 15 in. outdoors; about the color of Guinea Gold. Good size, full petalled, carnation flowered type. Plants extra early and free flowering; flowered profusely during mid-summer when the French Marigolds were off crop. **Trade pkt., 25c; ¼ oz., 50c; oz., $1.75.**

Tall Single French Flaming Fire. The long stemmed, brightly colored, large single flowers, 2 in. across, vary in color at different seasons. At times they are flaming red, at other times red and yellow. Plants are much branched, 2½ ft. tall, come into bloom in about 12 weeks and continue to bear profusely all through the season. **Trade pkt., 25c; ⅛ oz., 50c; ¼ oz., 85c; oz., $2.50.**

LEPTOSYNE Golden Rosette. A double form on Leptosyne Stillmanni. Flowers are a perfect rosette of a bright butter yellow color. Blooms in 10 weeks from sowing. A fine cut flower. **Trade pkt., 50c.**

LOBELIA Erinus Opal. Large flowered, rich opal blue, compact habit. **Trade pkt., 25c; ⅛ oz., 40c.**

NIEREMBERGIA Hippomanica. Grows not more than 4 to 6 inches high, forms a cushion of elegant light green foliage from which emerge corymbs of salver shaped flowers of a delicate lavender hue, 1 to 1¼ inches across, adorned with a clear yellow eye. **Trade pkt., 50c.**

NICOTIANA Affinis Nana Crimson Flame. Long tube shaped petunia-like flowers. The petals form a beautiful five pointed red star, very fragrant, particularly during evening or after a shower. Free and continuous bloomer. **Trade pkt., 25c; ¼ oz., 50c; oz., $1.80.**

NEW PANSIES

Giant Art Shades. A lovely type, quite distinct from the ordinary Pansy colors, including only pretty tints and combinations of cream, primrose, pale mauve and other delicate shades, the well-formed flowers being exquisitely frilled. These delicate shades should not be mixed with stronger colors. The growth is very robust, with dark green heavy leaves. **Trade pkt., 50c; ⅛ oz., $1.30; oz., $8.00.**

Giant Coronation Gold. Flowers canary yellow with lower petals flushed golden orange, round flowers as much as 3 in. across, with slightly ruffled edges, mild spicy scent. Some flowers show rays and lighter yellow flowers. **Trade pkt., $1.00; ⅛ oz., $1.50; oz., $10.00.**

Swiss Fire Beacon. Very unusual shade, bright wallflower red with a touch of orange, similar in effect to Wallflower Fire King **Trade pkt., 50c; ¼ oz., $2.25; oz., $8.00.**

Giant Fanal. Brilliant scarlet without eye. A very unusual color. **Trade pkt., 35c; ⅛ oz., $1.00.**

Shakespeare. This is a simple, quaint Pansy suitable for any location in the garden and can be easily grown wherever Pansies are successful. The old and small varieties of the original flower have been alone selected as they were found growing almost wild near Stratford. Its form, habit and time of flowering is similar to Viola Papilio. **Trade pkt., 35c; ⅛ oz., $1.00; oz., $7.00.**

Baby Delight. Few pansies are more lovely than this baby type. In height it does not exceed 4 inches, with compact bushy growth like that of the Viola Cornuta Mixed colors. Valuable for border or rockery. **Trade pkt., 50c; ⅛ oz., 80c.**

NEW PETUNIAS

Hybrida Topaz Rose. Special Mention in All America Selections 1938. This is a brilliant addition to the hybrida group. The color is a fiery velvety rose of a brilliancy seldom seen. It is slightly suffused with gold, which gives it its fiery appearance, and the throat is the color of topaz. **Trade pkt., 35c; ¼ oz., $1.00; oz., $3.75.**

Hybrida Nana Compacta King Henry (Dwarf General Dodds). This is a compact grower of globular habit, producing a profusion of large blooms of a velvety blood red color, on short stems. Excellent for pot culture and borders. An outstanding variety in our 1937 Trial Grounds. **Trade pkt., $1.00; 1/16 oz., $2.75.**

Salmon Supreme. Award of Merit All America Selection 1938. It is the hybrida nana or dwarf bedding variety of distinct new light salmon color in this type. Flowers about 1½ in. across, with white throat and plain petals. Plants grow about 12 in. high and wide, continuous bloomer. **Trade pkt., 30c; 3 pkts., 80c; 5 pkts., $1.30; 10 pkts., $2.50.**

Large Flowering Fringed Rapture. Orchid rose, deep rose veins, golden throat. **Trade pkt., 50c; 1/32 oz., $1.40.**

Hybrida Grandiflora Fimbriata Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. This golden-yellow center gives the flower a gay and festive character. Flowers are 3½ in. in diameter and the plants very free blooming. **Trade pkt., 75c; 1/32 oz., $1.80.**

Grandiflora Single Dwarf Scarlet Glory. 10 in. The rich shade of its large flowers are most outstanding, and its dwarf habit makes it a fine pot plant subject. **Trade pkt., $1.00.**

Colorado Sunset. Dwarf, fringed, rose pink. Makes a fine pot plant. In bloom all summer. 18 inches. **Trade pkt., 75c.**

SALVIA SPLENDENS FIRE CHARM.

PHLOX VAUGHAN'S BEAUTY

This fine strain of large flowering dwarf Phlox is especially recommended for pot culture, combination and border planting. The plants grow about 8 inches high, compact and very free-blooming.

	Trade pkt.	¼ Oz.	Oz.
Alba. White	35c	$1.00	.....
Chamois	35c	1.00	$3.60
Coccinea Scarlet	35c	1.00	.....
Coerulea Striata. Blue striped	35c	1.00	3.60
Delicata. Apricot pink, dark eye	35c	1.00	3.60
Phlox Vaughan's Beauty. Mixed	25c	.60	2.00

NEW SWEET PEA

Spencer Multiflora Abundance is the fitting name given this new creation, because it stands alone as the fore-runner of a new type distinguished by the abundance of flowers on each spray. Six flowers on the stem is the rule, but seven and eight are not uncommon and occasionally sprays are found with nine flowers. Stems are long and strong and flowers of good size and well placed. The color of the flowers is a bright, clear, warm mauve, approaching the deep Cattleya-orchid shade. **Trade pkt., 35c.**

Spencer Bonnie Ruffles. Salmon-pink on rich cream, the pink becoming a little deeper towards the edges of standard and wings. The salmon-pink, which completely overlays a background of rich primrose, gives a unique golden pink appearance. **Oz., 50c; lb., $5.00.**

Spencer Bridal Veil. The first real white sweet pea without a trace of blush. Received Gold Medal Award Scottish Sweet Pea Society, 1935. **Oz., 45c; lb., $4.00.**

Spencer Burpee Blue. Flowers are large, beautifully waved, heavily ruffled and duplexed, and of a distinct dark blue, bright and clear and uniform throughout. Vigor of growth, length of stem, size of flower, and purity of color are well combined in this New Giant Ruffled Burpee Blue Sweet Pea. **Oz., 30c; lb., $3.00.**

Sweet Pea Early-Flowering Spencer

Princess Blue. A delightful and pleasing shade of silvery or Delphinium blue. The flowers have large bold standards and wide spreading wings, both standard and wings holding to the same rich blue color. A vigorous grower. **Oz., $1.00; 4 oz., $3.50; lb., $12.00.**

Tahoe is a mid-blue, a shade between Mrs. Herbert Hoover and Blue Bonnet, but comes with large wavy flowers. It is a "Chicory blue deepening to mauve." The large wavy standards and ruffled wings have the same delightful shades of mid-blue, and in addition the flowers are well placed on long stems. The plant is a vigorous, strong grower. **Oz., $1.00; 4 oz., $3.50; lb., $12.00.**

SALVIA Splendens Fire Charm. A very dwarf form of Fireball. Very early flowering, fine for planting combination baskets or boxes. Sow late in spring for early summer bloom. This sort will flower in a two inch pot. **500 seeds, $1.00; 1000 seeds, $2.00; ¼ oz., $3.50.**

SCABIOSA Double Large Flowering "La Fee." A very double highly perfected azure fairy. Was given a Special Merit by the New Jersey Experiment Station. **Trade pkt., 25c; ¼ oz., 50c; oz., $1.40.**

SCABIOSA Giant Annual Salmon Beauty. A pure salmon in color with huge flowers and with great vigor of growth like the sister variety, Loveliness, introduced a few years ago. **Trade pkt., 35c; ¼ oz., 75c; oz., $2.40.**

VIOLA Cornuta Supreme Mixture. This blend of bright gay colors far surpasses any mixture of Violas. The bright shades of self-colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly makes these Violas a supreme mixture. **Trade pkt., 50c; ¼ oz., $1.20; oz., $4.00.**

ZINNIA Linearis. This is a new strain of our Midget type, bearing single flowers of deep golden orange, with a contrasting yellow stripe, an attractive combination. It is early flowering, and the plants may spread over two square feet without growing taller than 10 inches. **Trade pkt., 25c; ¼ oz., 50c; oz., $1.80.**

ZINNIA Navajo Mixed Colors. Flowers are of medium size, double and semi-double, and composed of long narrow petals, some of which are slightly incurved or fluted. The bicolor effect of each petal, being heavily tipped white, creamy white or creamy yellow for about one-third its length, is most unusual and attractive. Colors run through lilac, lavender, russet, crimson, orange, yellow, pink and other pastel shades. 1½ ft. tall. **⅛ oz., 20c; ¼ oz., 30c; oz., 85c.**

STRAWBERRY BARON SOLEMACHER

A Good Mother's Day Item.

The creation of a European specialist and the result of 35 years of cultivation. It is of the small fruited Alpine type and produces compact plants without runners. Plant seed in pots from January to April, keeping evenly moist and shaded. These seedlings will produce abundant fruit the first summer and continue bearing right into autumn. **Trade pkt., 50c; 1/16 oz., $1.30; ⅛ oz., $2.00.**

STRAWBERRY BARON SOLEMACHER.
Runnerless Strawberry
Picture Taken Nov. 15, 1937.
Courtesy of Krumm Floral Co., Rogers, Arkansas

Vaughan's Perennial Seeds for 1938

ARMERIA Glory of Holland Giant Pink. A new and improved form of Armeria of true strain. The clear, deep, pink flowers of the size of a silver dollar are borne on straight, tall stems of 24 inches high, in large profusion throughout the summer. Extra fine for cutting. **Trade pkt., 50c; 1/8 oz., $1.00.**

ANTHEMIS Sancta Johannis. Hardy perennial "seedling strain" that comes 80% true; a rich glowing orange Marguerite. **Trade pkt., 50c.**

BELLIS Perennis Monstrosa Crimson. A new shade in this popular daisy. Very large flowering. **Trade pkt., 50c; 1/4 oz., $1.40.**

BELLIS Perennis Superbissima Giant White. The largest white daisy. Very long stems for cutting. **Trade pkt., 75c.**

Superbissima Giant Rose. Trade pkt., 75c.

CAMPANULA Collina. A new perennial bell-flower of upright, compact, bushy habit. Plants grow 8 inches high, and in May and June are thickly covered with intense campanula blue pendant flowers. Excellent for edging, rockery and alpine gardens as well as in larger spaces. **Trade pkt., 50c.**

CHRYSANTHEMUM Korean Hybrids. Easy to grow—sown in the spring they'll bloom this fall. That's the unique, fascinating story of these beautiful, hardy Korean Hybrid Chrysanthemums. Magnificent colors. Compact bushes, virtually covered with flowers; showy; unexcelled for cutting. Earliest blooming—the first of the season. **Trade pkt., $1.00; 1/8 oz., $2.00.**

CHRYSANTHEMUM Maximum Dwarf Bouquet. A new dwarf perennial that blooms from seed the first year. Forms a bouquet of pure white flowers in a dainty and elegant manner. The blooms have very small centers. Plants are 12 to 15 inches tall. The stems come from the base and do not branch. **Trade pkt., 50c.**

DELPHINIUM Pacific Giant Blue Shades. (Vetterle and Reinelt.) The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market. **Trade pkt., $1.00; 1/8 oz., $2.00; 1/4 oz., $3.50; 1/2 oz., $7.00; oz., $12.00.**

DELPHINIUM Giant Double White. (Vetterle and Reinelt.) Flowers well spaced and of good texture with a branching habit of growth. Cheese cloth protection when blooming will keep the whiteness of flowers unmarred by dust or insects. Seed limited; when exhausted orders will be booked for delivery. New crop in July. **Trade pkt., $1.50; 1/8 oz., $2.25.**

DELPHINIUM Hybrida Art Shades. Many unusual shades in dainty and attractive colors. **Trade pkt., $1.25; 1/8 oz., $2.50; 1/4 oz., $4.50; 1/2 oz., $7.00; oz., $12.00.**

HOLLYHOCK Allegheny Rosette. A fine shade of bright pink. Blooms are particularly large with a rosette center with a wide row of guard petals which emphasizes the rosette center. The bloom is the same color throughout. **Trade pkt., 35c; 1/4 oz., 50c; oz., $1.80.**

INCARVILLEA Hybrida Bee's Pink. Large light rose Begonia-like flowers with deep yellow throat, produced all summer. A hardy perennial which succeeds well in borders and is equally valuable for green house decoration. **Trade pkt., $1.00.**

LUPINUS Polyphyllus "Russell." The chief features of this wonderful strain are, firstly, the giant size of the spikes of bloom, which are often 3½ ft. and more in length, secondly, the fan-like shape of the large individual flowers, the standard being expanded like that of a Sweet Pea, and thirdly, and most distinctive, the enormous range and unique character of their coloring. A Gold Medal was awarded to the Russell Lupins at the R.H.S. meeting, June 8th, 1937.
50 seeds, 65c; 120 seeds, $1.25.

POPPY Orientale New Varieties. Seed collected from the field of a firm who make a specialty of the newer named sorts, and the plants from this seed should furnish many varieties which will be attractive additions in the garden. **Trade pkt., 25c; 1/4 oz., 60c; oz., $2.00.**

PYRETHRUM Roseum Robinson's Hybrids. A selection made by an English specialist. This wonderful strain has a fine color range of single overlapping petals carried on long, stiff stems. **Trade pkt., 50c; 1/4 oz., 90c; oz., $3.00.**

RUDBECKIA Hirta Herbstwald, Autumn Tints. A perennial which blooms the first year from seed, if sown in March, is a most valuable addition since it furnishes admirable cut flowers until late in fall. The plants grow to a height of 2 ft. and produce well-formed, large star-flowers on long stems. The colors range through all the gorgeous, fiery, autumn tints. **Trade pkt., 50c; 1/4 oz., $1.00.**

RUDBECKIA Hirta My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers. **Trade pkt., 25c; 1/4 oz., 40c; oz., $1.40.**

SCABIOSA Fischeri. Anattractive Scabious of Manchurian origin, easy to grow and a long lived perennial. Height about 2½ feet and requires no stakes, being of neat and tidy habit. Flower is 2½ inches across and is beautiful blue-purple color and not easy to describe. Flowering growths are clothed with smaller, finely-cut foliage up to the height of a foot or more, these ending in a long, naked flower stem which makes the plant a useful subject for cutting. **Trade pkt., 25c; 1/4 oz., 70c; oz., $2.40.**

SWEET WILLIAM Midget Single Mixed. You will be charmed with this splendid plant. Though small, it is extremely lovely, with plants growing about six inches high and making a compact spread of a foot or more. When in bloom, the foliage is completely hidden by flowers. There are many showy and rich colors. **Trade pkt., 35c; 1/4 oz., 90c; oz., $3.00.**

Carl Cropp, vice president of Vaughan's Seed Store, rating 1938 All-American trials, of which he is one of the judges. To right, view of Vaughan's 1938 flower seed trials at Western Springs, Ill.

Vaughan's Flower Seed Trials

You are invited to pay a visit to Vaughan's Trial Ground, which is at Western Springs, Ill., near our greenhouse, along the Burlington tracks on Reid St. Here you will see hundreds of varieties, the major florist items, since we have specialized in the florists' trade since 1876. A seed merchant must gather the seeds he sells from all over the world. Seeds cannot be judged, as are most goods, by inspection. They must be taken on faith in the purveyor's assurances, until the seeds can be grown. The trial ground affords us a final check on the reliability of our growers. In 1937 it occupied four acres.

An interesting feature of our trials each summer is the planting of entries in the flower seed section of the famous All-America trials, to determine the year's most meritorious introductions.

These are identified by number only, but are always interesting to visitors since they represent the latest improvements which have been accomplished by the outstanding breeders of the whole world.

Vaughan's The World's Best Flower Seeds

Seeds cannot be judged, like other goods, by inspection. The buyer's sole protection is in the skill and honesty of the merchant.

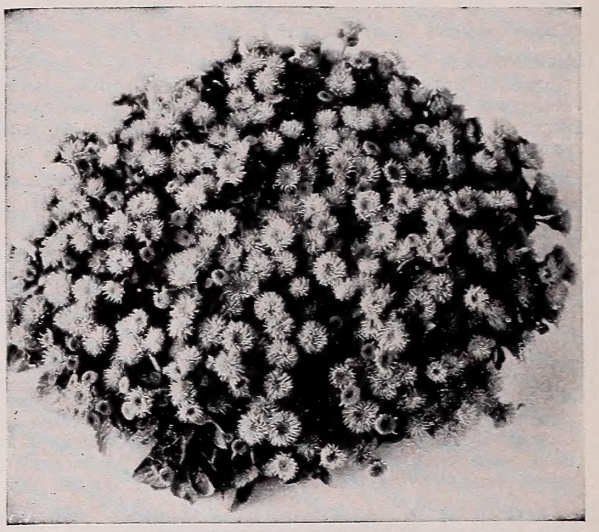
The merchant, in turn, must gather his seeds from all over the world, finding the best of each type in that section of the globe most favorable to its culture, or where technical skill is most highly developed.

Since 1876 Vaughan's Seed Store's officers have been searching the world for the finest seeds. They have maintained the closest contact with the seed growing industry in every country. The outstanding breeders who produce improved strains of flowers and vegetables everywhere have been their friends.

Constant vigilance is necessary to insure that sources which have proved reliable in the past continue to be so. Seed crops in this country must be inspected at least twice a year. Trips to Europe must be taken frequently. It is necessary to know each grower, his crops, his methods, and his standards of quality; and then to compare the types and varieties of one with another. In that way only can we know where to find each variety at its best.

Neither time nor expense is spared to insure that we can offer to our customers the best seeds obtainable in the world.

Many items on our list are grown exclusively for us under most favorable conditions all over the world, and this added control of roguing and supervision is further guarantee of highest quality.



AGERATUM Blue Cap Selected.
Trade pkt., 35c; ¼ oz., $1.00; 1 oz., $3.00.

☞ TESTING AND TRIALS

Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards. Trueness to type is determined and checked by the hundreds of tests grown in our greenhouses and trial grounds. This summer we conducted a series of approximately five hundred trials of various varieties to further check on the reliability of our seed.

Flower Seeds for Summer Sowing.—We issue a special circular in June. Should you fail to receive one, please write for it.

For Seeds of Perennials and Biennials, see pages 34 to 47.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of ¼ lb. and over are charged at the pound rate; unless stated otherwise, ⅛ lb. at the oz. rate; ½ oz. at the ounce rate, but only when the price per ounce is 40c or more, and is not otherwise quoted.

We do not sell ½ oz. where the price per ounce is 15c or less.

☞ **Cash Discount.**—On orders from this catalog over $2.00 for flower seeds, if cash is enclosed, 5 per cent.

	Trade pkt.	Oz.
Abronia Umbellata. (Sand Verbena) Rose, 10 in....	$0.10	$0.50
Abutilon (Flowering Maple). Hybridum Maximum, bloom in six months from time of sowing, very large flowers in various shades.....⅛ oz., $1.20	.35	....
Achimenes Mixed. Greenhouse pot plant. Flowers tube-shaped in many attractive colors. Fine for hanging baskets and pot plants.....1500 seeds	1.00	....
Acrolinium Roseum. fl. pl. Double pink (Everlasting).....lb., $2.80	.10	.30
Album fl. pl. Double white.....lb., 2.80	.10	.30
Double Giant Mixture.....lb., 8.00	.15	.80
Agapanthus Umbellatus (Blue Lily of the Nile). Does well out of doors in all southern states...¼ oz., 65c	.35	2.20
Ageratum Mexicanum. Blue, for cutting. 2 ft.....	.10	.40
Mexicanum Album. White, 2 ft.....	.10	.40
Blue Ball.....	.15	.80
Blue Cap Selected. Dwarf compact habit with larger flowers than Little Blue Star and deeper in color.....¼ oz.,, $1.00	.35	3.00
Imperial Dwarf Blue, 6 in.....	.15	.50
Little Blue Star. Tiny bushes, flowers light blue with red center, 4 in.....¼ oz., 60c	.25	2.00
Improved Blue Perfection. Deep and rich blue...	.15	.80
Little Dorrit. Blue, dwarf, 6 in.....	.15	.60
Little Dorrit White. Best dwarf white, 6 in.....	.15	.60
Little Silver Star. Silver grey star-like flowers, 4 in. .....¼ oz., 65c	.25	2.20
Venus, Pink. 6 in.....¼ oz., 50c	.25	1.80
Lasseauxi. Fine pink, good cut-flowers, 2 ft.....	.20	1.40
Agrostemma Coeli-Rosa (Rose of Heaven). Rose, 12 in.	.10	.20
Aloe Variegata or "Tiger-Aloe," the finest and most favored quick-growing succulent with beautifully variegated leaves. 100 seeds, $1.00; 1000 seeds, $8.00.		
Alonsoa Warscewiczii. Brilliant tomato-red, 20 in....	.10	.30
Alyssum Maritimum (Sweet Alyssum). 10 in. lb., $2.00	.10	.20
Snow Cloth. A special selection, each plant absolutely flat and a compact mass of white without green center. Seed saved from transplanted seedlings only.....lb., $8.00	.15	.80

ALYSSUM—Continued	Trade pkt.	Oz.
Compactum Lutescens. Straw yellow, 6 in.....	$0.10	$0.40
Lilac Queen. Pale lilac flowers, color deepens with cooler weather, 5 in.....	.10	.50
Little Dorrit. It forms perfect little bushes, fairly smothered with white flowers. 4 in.....lb., $5.00	.15	.50
Vaughan's Little Gem. Extra fine strain, spreading habit, 4 in.....lb., $6.00	.15	.60
Amaranthus Caudatus (Love-Lies-Bleeding). Red, 30 in.....	.10	.30
Molten Fire. Fiery crimson and maroon..¼ oz., 25c	.15	.80
Salicifolius (Fountain Plant). Green with bronze, tops blood-red, showy, 30 in.....	.15	.60
Ammobium Alatum Grandiflorum. White, 18 in.	.10	.30
Anagallis Grandiflora Coerulea. Dark blue. 10 in....	.15	.60
Grandiflora, Mixed. Rich and showy.....	.15	.50
Anchusa Capensis. Azure blue, 2 ft.....lb., $3.00	.15	.30
Capensis, Blue Bird. Vivid indigo, 18 in.....	.15	.50
Angelonia Grandiflora. Lilac, white tigered throat, fragrant, 3 ft.....	.35	....

For Rust Proof Varieties of Snaps see novelty pages.

Antirrhinum (Snaps)

"Majestic" Half Dwarf Sorts

A new type of Snaps, with flowers of the Maximum sorts and in height of the "Half Dwarfs."

	Trade pkt.	Oz.
Avalanche. Pure white.....¼ oz., 80c	$0.25	....
Celestial. Salmon rose flowers on broad compact 10 in. spikes. Award of Merit 1938 All American.....	.50	....
Eldorado. Rich deep golden yellow.....¼ oz., 50c	25	....
Golden Dawn. Golden buff, overlaid salmon ¼ oz., 50c	.25	....
Orange King. Rich orange.....¼ oz., 60c	.35	....
Red Chief. Rich deep scarlet.....¼ oz., 60c	.25	....
Rose Beauty. Rose-pink self.....¼ oz., 60c	.25	....
Rose Marie. Light salmon, gold center.....¼ oz., 60c	.25	....
Twilight. Delicate rosy salmon.....¼ oz., 60c	.25	....
Majestic Varieties, mixed.....¼ oz., 50c	.25	$1.40

"SNAPS" for Greenhouse Forcing

SPECIAL OFFER — WHERE PRICE IS:

$1.00 per pkt., we supply any 3 for $2.50; any 5 for $3.50; any 7 for $4.55
$1.50 per pkt., we supply any 3 for $4.00; any 5 for $6.50
$2.00 per pkt., we supply any 3 for $5.00; any 5 for $7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (*), are best for early winter flowering.
Varieties followed by a cross (×), we can supply ½ trade pkts. at 60c each.

	Trade Pkt.
*Afterglow. Golden bronze ×	$1.00
Bertha Baur. Charming lavender or orchid shade. The flowers do not shatter, varies	1.00
Captor (Breitmeyer). A pure white snapdragon possessing long flowering spikes on strong wiry stems. A continuous producer	1.00
Celestial (Witterstaetter). New yellow, long stemmed and large-flowered	1.50
*Ceylon Court. Canary yellow. The best early yellow—our introduction ×	1.00
*Ceylon Court. Dark Selection ×	1.00
*Cheviot Maid. The Original Strain. Early rose pink ×	1.00
*Cheviot Maid, Supreme. Darker than the former ×	1.00
Coate's Yellow Perfection. Deep golden yellow	1.00
Cornwallis. A beautiful bright rose pink, two shades brighter than Rose Queen. Does not require pinching. An A-1 shipper	1.50
Daybreak (Breitmeyer). Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer	1.50
Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower heads. Popular in Cleveland, Ohio, Market	2.00
*Jennie Schneider. Soft rose pink. Sow early for winter flowering ×	1.00
Kirkwood Beauty. Bronze with a cast of gold—a striking color	1.00
La France (Stachel). A strikingly beautiful silvery pink. Varies	2.00
*Lucky Strike. Well-known pure white, grows three to four feet with splendid full spike of flowers; does not drop or shatter; plant early for winter blooming ×	1.00
Marion Golden (Schumann). Yellow	1.50
Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage	1.50
Miss Wooster (De Witt). The color is a dazzling rich dark bronze. Early blooming; the heads of blooms are very large and compact. It is an ideal shipping variety, as it does not shatter	1.50
New Cincinnati. The finest light rose	1.00
New Dawn (Thomson). A golden orange, very effective either in daylight or artificial light. A quality Snap; very pleasing color; a fine seller; a continuous bloomer	1.00
*New Deal. Very early, fragrant, golden bronze	1.00
Nicholson Yellow. A striking new bright yellow	1.00
Northern Light (De Witt). The color is a rich golden yellow with pink shadings on the reverse of petals. It holds its colors well in dark weather. Comes on strong stems, flowers large and well placed on the stem	1.50
Peggy Schumann (Schumann). A new medium pink, a large close-flowering spike on a strong, sturdy stem, will not shatter and produces no blind shoots. An early bloomer	2.00
Pink Delight (Breitmeyer). Excellent pink variety for hot weather and early fall cutting	1.50
Radiance (Thomson). A lovely, deep pink. Best variety to crop for a holiday, especially for Christmas. Medium length, heavy stems, large flowers, very early	1.00
Roman Gold. A deep golden yellow with a lip a lighter yellow ×	1.00
Rose Pink Cheviot Supreme (Fred Windmiller). This is a true Cheviot Maid, a single plant selection for early flowering, carrying its color well in dark winter weather and comes almost 100% true to type	2.00
Rose Queen (Witterstaetter). Dark pink ×	1.00

ANTIRRHINUM.

	Tr. Pkt.
Royal Gold (Schumann). An orchid flower, the face old-gold, the upper lip shading from gold to orchid	$1.50
Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes. Coming in bloom with Cheviot Maid Supreme, Afterglow and Velvet Beauty	2.00
Snow White (Breitmeyer). Pure white. Sow for late Summer and Fall crops	1.00
Sunburst, Improved. Color of Sunburst rose ×	1.00
Sunset (Breitmeyer). A beautiful golden copper, bronze lip. Exceptionally large individual florets, well set	1.50
*Suntan. Rose shade of tan with tinge of yellow on lip ×	1.00
Terry's Surprise, Improved. Pink and bronze shades	1.00
Velvet Beauty. Rich American Beauty red in color, exceptionally stout stem	1.00
Westover's Fringed White. This delicate fringed white Snapdragon has long flowering spikes with large individual blooms that have unusual lasting qualities. The characteristic of Westover's white fringed snapdragon is that it produces profusely ... 3 trade pkts. for $6.50	2.50
White Cheviot Maid (Yoder). Pure white, flowers well placed	1.00
*White Prosperity. A pure white	1.50
*White Rock. Early-blooming pure white ... 3 pkts., $1.25; 5 pkts., $2.00	.50
*White Wonder (Bezdek). A fine pure white, popular on Chicago Market	2.00
*Winter Helen. Lovely salmon-pink, early and winter bloomer ×	$1.00
Yellow Cheviot Maid (Volz). The Chicago Florists Club awarded it a Certificate of Merit, and the S.A.F. & O.H. "Declared it the most outstanding yellow snapdragon ever staged and worthy of a certificate of merit"	1.00
Greenhouse Varieties Mixed, with pinks predominating	.75

Maximum Giant-Flowered

The flowers are of magnificent size, the individual flowers being 2 to 2½ inches wide on strong sturdy stems.

		Trade Pkt.
Appleblossom. Rosy-pink, white tube	¼ oz., 35c	$0.15
Bunch of Lilacs. Lilac-purple	¼ oz., 35c	.15
Canary Bird. Canary-yellow	¼ oz., 35c	.15
Copper King (Indian Summer). Copper shades, varies	¼ oz., 35c	.15
Defiance. Scarlet	¼ oz., 35c	.15
Golden Queen. Yellow with rosy-lilac throat	¼ oz., 35c	.15
Old Gold. Beautiful art shade	¼ oz., 35c	.15
Purple King. Rich. Velvety purple	¼ oz., 35c	.15
Ruby. Rich, Velvety ruby-red	¼ oz., 35c	.15
Snowflake. White	¼ oz., 35c	.15
The Rose. Pure rose	¼ oz., 35c	.15
Wallflower colors	¼ oz., 35c	.15
Maximum. Many kinds, mixed	oz., $1.20; ¼ oz., 35c	.15

ANTIRRHINUM—Continued

Large-Flowering Half-Dwarf Sorts

		Trade pkt.	Oz.
Black Prince. Deep crimson	¼ oz., 30c	$0.15	$1.00
Bonfire. Orange buff. (Defiance)	¼ oz., 35c	.15	....
Canary Bird. Lemon-yellow	¼ oz., 35c	.15	....
Defiance. Brilliant scarlet	¼ oz., 35c	.15	....
Empress. Rich velvety crimson	¼ oz., 30c	.15	1.00
Firebrand. Fiery orange-scarlet	¼ oz., 35c	.15	....
Flame. Improved Defiance	¼ oz., 45c	.25	....
Gloria. Rich, deep rose-pink	¼ oz., 40c	.25	1.40
Golden Monarch. Good yellow	¼ oz., 35c	.15	....
Golden Queen. Yellow	¼ oz., 35c	.15	....
His Excellency. Purest scarlet	¼ oz., 35c	.15	....
Nelrose. Rose pink	¼ oz., 35c	.15	....
Prima Donna. Terra cotta pink, suffused primrose, excellent for florist's use	¼ oz., 35c	.15	....
Red Emperor. Rich deep scarlet, compact habit		.25	....
St. George. Orange cerise, distinct from all other shades. Dense spire		.50	....
Vaughan's Special Mixture, semi-tall sorts.	¼ oz., 40c	.25	1.40

Large-Flowering Tall Sorts

		Trade pkt.	Oz.
Autumn Glow. Old rose shaded terra cotta	¼ oz., 60c	$0.25	....
Bonfire. Bright orange-red	¼ oz., 25c	.15	$0.80
En Garde. Coral-pink and amber with deep yellow lip.		.50	....
Golden King. Improved yellow	¼ oz., 40c	.25	1.20
Queen Victoria Improved. Pure white	¼ oz., 35c	.15	1.00
Rose King. Deep rose	¼ oz., 35c	.15	1.00
Vaughan's Florists' Mixture of Cutflower Varieties. All kinds	¼ oz., 35c	.20	1.00

Tom Thumb. Fine for pots and edging. 6 in.

Fireball, Orange-yellow, Rose, Snow Queen, each		.25	....
Pinkie, pure pink		.25	....
Mixed, all colors, each	¼ oz., 40c	.20	....
Rock Hybrids, Mixed. Very charming, compact little plants, 4 to 6 inches high, covered with small flowers of various pretty colors; splendid for rock gardens or borders	⅛ oz., 50c	.25	....
White Gem		.35	....
Pink Gem		.35	....
Magic Carpet. A snapdragon of almost creeping habit, fairly covered during the summer with delightful soft pink flowers. Useful for border or rock garden		.50	....

Antigonon Leptopus (Mountain Rose). Rose		.15	.40
Aralia Sieboldi. Seed ready in April. 1,000 seeds, $1.50.			
Arctotis Grandis (The African Lilac Daisy). Flowers pure white on upper surface, reverse petals being lilac, 32 in.		.15	.40
Breviscapa Aurantiaca. The daisy-like flowers have petals of a pleasing dark orange which turns lighter toward the center, with a purplish disc, 6 in.	¼ oz., 75c	.35	
Large Flowering Hybrids. Resembles Gerbera. Numerous beautiful colors. 12 inch	¼ oz., 85c	.35	3.00
Scapigera. Flowers soft lilac, 3 inches in diameter on slender stems; fine cut flower, blooms all summer and fall, 18 in.	¼ oz., 85c	.35	....
Asclepias Curassavica. The inflorescences of orange-red flowers, which arise from the axils of the leaves, are freely produced and long lasting, while the whole plant is of stiff and erect habit		.15	.80

Asparagus

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. **100 seeds, 25c; 250 seeds, 40c; 1,000 seeds, $1.00; 5,000 seeds, $4.50; oz., 80c; lb., $8.00. Write for prices on larger lots.**

Falcatus. Valuable bushy green for cutting purposes. Shiny dark green leaflets. 100 seeds, 75c; 1,000 seeds, $6.00.

Sprengeri. 100 seeds, 25c; 250 seeds, 35c; 1,000 seeds, $1.00; 5,000 seeds, $4.50; oz., 80c; lb., $8.00.

Scandens Deflexus. 100 seeds, $1.00; 1,000 seeds, $8.00.

Verticillatus. Hardy. Trade pkt., 25c; ¼ oz., 50c; oz., $1.80.

BUSH BALSAM. Trade pkt., 25c; oz., $2.40.

Balsam

		Trade pkt.	Oz.
Bush Balsam. Flowers appear in clusters on top of stem instead of on sides. A good pot item		....	....
Cinnabar, Red	¼ oz., 70c	$0.25	$2.40
Rose	¼ oz., 70c	.25	2.40
Scarlet	¼ oz., 70c	.25	2.40
White, reflected rose	¼ oz., 70c	.25	2.40
White	¼ oz., 70c	.25	2.40
Mixed	¼ oz., 70c	.25	2.40
Double Pink, Crimson, Scarlet, Flesh color, Lilac, Dark Blue		.15	.60
Alba Perfecta. Largest and best double white		.15	.60
Aurora. Striking brilliant pink		.15	.60
Nilsson Rose. Deep rose-pink		.15	.80
The Queen. Salmon-pink		.15	.60
Prince Bismarck. Salmon-rose		.15	.60
Improved Camellia-flowered. Mixed, all colors.		.10	.60
Goliath. White, gigantic size		.15	.60
Scarlet		.15	.60
Chamois Rose		.15	.60
Vaughan's Invincible Mixed. A splendid strain producing very double flowers of the finest form.		.15	.80
Bartonia Aurea. Golden yellow. 24 in.		.10	.30

Bachelor's Button. See Centaurea Cyanus.

Cactus Seed

Cacti can easily be grown from seed.

We also offer a booklet containing much valuable information on Cacti, "Cacti in the Home." Price, 35c.

	100 Seeds	1000 Seeds
(250 seeds of one variety supplied at 1000 rate)		
Cereus (Column-cacti). Mixed	$0.25	$2.20
Echinocactus (Hedgehog-cacti). Mixed	.35	3.00
Echinocereus (Cluster-cacti). Mixed	.25	2.00
Echinopsis (Tube-flowering hedgehog-cacti). Mixed.	.25	2.20
Mamillaria (Wart-cacti). Mixed	.30	2.40
Opuntia (Fig-cacti). Mixed	.25	2.00
Opuntia. Hardy Mixed ¼ oz., 45c; tr. pkt., 25c; oz., $1.40		
Cephalocereus Senilis (Old Man Cactus)	.65	5.50
Cereus Grandiflorus (Queen of the Night)	.85	7.50
Lithops Lesliei (Flowering Stones)	1.00	8.00
Cacti. All kinds and forms, mixed	.25	2.00

Imported Collection, 10 sorts, 85c net each.

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.

Vaughan's Wilt Resistant Asters

Aster growers have been troubled with pests of recent years. This family has been widely attacked by the Fusarium Wilt, which condition has been overcome in growing the Wilt Resistant Strains which, although grown in infected soil, proved immune from the disease. Aster Yellows is also an enemy. This has been found to be transferred to the plants by tiny insects called leaf hoppers. The only means to overcome this is to grow the plants under a cheesecloth cover.

ASTERMUM—2 feet

The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form.

White, Lavender or Rose Pink.

		Trade pkt.	Oz.
Each of above	¼ oz., 50c	$0.30	$1.80
Mixed, three varieties	¼ oz., 50c	.25	1.60

AURORA

Golden Sheaf, yellow self. A splendid free-flowering aster, with large full flowers, quilled centers and outer band of broad petals. Height, 2 ft., fine for cutting. Trade pkt., 30c; ¼ oz., 50c; oz., $1.80.

		Trade pkt.	Oz.
California Giant, Purple	¼ oz., 70c	$0.35	$2.40

CREGO—2 feet

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper. Crimson, Azure Blue, Deep Rose, Pink, Lavender, Blue Flame, Purple, Salmon Pink, Violet, White

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Enchantress. Luscious shade of lively salmon rose.	¼ oz., 70c	.40	2.40
Crego Mixed, all colors	¼ oz., 40c	.30	1.50

EARLY BEAUTY—2 to 3 feet

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue, Black Prince (deep marine violet), Crimson, Carmine Rose, Lavender, Purple, September Beauty, White

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Mixed, all colors	¼ oz., 45c	.25	1.50

EARLY BEAUTY ASTER.

Ball White. Early. Selection for resistance has not left this quite so large and fine as the original, but a very excellent white-flowering. Sept. 5-10.

Ball White. Late. Typical American branching type and habit. Fine long stem and size. The best American Branching strain in white, following in flowering season Ball White Early. Sept. 10-15.

Ball Phlox Pink. Fairly light rose-pink, an especially attractive commercial color, with perfect American Branching habit and form. Sept. 5-10.

Ball Deep Rose. Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - Sept. 1.

Ball Deep Purple. Attractive bright deep purple; in flowering season and long stem, this is an exact duplicate of Ball Deep Rose. The crop of both these fine Ball varieties is cut out before the main mid-season supplies are ready. August 20-Sept. 1.

Each of above 5 varieties, trade pkt., 30c; ¼ oz., 50c; oz., $1.80.

GIANT BRANCHING

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson, Pink, Sensation (deep red), Deep Rose, Purple, White, Lavender, Silvery Rose

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Mixed, all colors	lb. $12.00 ¼ oz., 45c	.25	1.40
Giant Comet, Mixed	¼ oz., 40c	.30	1.50
Illusion. Soft pastel shade of apricot pink.	¼ oz., 60c	.35	2.20
Heart of France. Ruby red	¼ oz., 50c	.30	1.80
King. All colors mixed flowers, large and full needle-like strong petals. August	¼ oz., 45c	.25	1.60
Ostrich Feather Mixed, all colors	¼ oz., 50	.25	1.60

THE ROYAL—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Purple, Rose Pink, Peachblossom, Shell Pink, White, Dark Lavender

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Mixed, all colors	¼ oz., 40c	.25	1.50

QUEEN OF THE MARKET—18 inches

The Standard Early-Flowering Type

Crimson, Dark Blue, Flesh Pink, Light Blue, White

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.30	$1.80
Mixed, all colors	¼ oz., 40c	.25	1.50

ASTERS IN MIXTURE

Vaughan's Florists' Mixture. Wilt Resistant Varieties	¼ oz., 50c	.25	1.60
Vaughan's Excelsior Mixture, Tall Asters. Wilt resistant. This is a mixture of the most beautiful, striking and distinct colors of the tall-growing Asters.	¼ oz., 50c	.25	1.60
Wilt-Resistant, Many Varieties Mixed	¼ oz., 40c; lb., $12.00	.25	1.40

Pink Shades Mixed — **Light Blue Shades Mixed**
Dark Blue Shades Mixed — **White Sorts Mixed**

		Trade pkt.	Oz.
Each of the above	¼ oz., 50c	$0.25	$1.80

Standard Bred Asters

Early Express or Early Wonder, Mixed	¼ oz., 40c	.25	1.40
Lavender Gem. The flowers are of a true lavender shade. The petals are gracefully curled and twisted, and the blooms are borne on long stems.	¼ oz., 40c	.25	1.40
Scarlet King (Beacon). The finest red Aster of all varieties. Plants stand 16 to 20 inches high and in growth resemble the Rose Aster. Every flower is fully double and the color is even more intense than Heart of France. 20 in.	¼ oz., 60c	.25	2.00
Surprise "Salmongold". When starting to flower the blossom is a pure salmon-yellow color. The fully developed blossom shows a radiating salmon-pink shade. The flowers are 2¾ to 3½ inches in diameter	¼ oz., 65c	.35	2.20

Standard Bred Asters—Continued

CALIFORNIA GIANT SUNSHINE

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this new race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

Appleblossom — Purple (Alpen Glow)
Enchantress Pink — Rose (Rainbow)
Light Blue (Blue Moon) — White (Moonbeam)
Light Lavender (Stratosphere)

		Trade pkt.	Oz.
Each of the above	¼ oz., 90c	$0.35	$3.00
Mixed, all colors	¼ oz., 60c	.35	2.00

CALIFORNIA GIANTS—2½ to 3 feet

No cut-flower grower can afford to overlook these wonderfully fine asters. They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

White — Light Blue
Appleblossom — Carmine Rose
Peachblossom — Light Purple
Deep Rose — Dark Purple
Silvery Rose

		Trade pkt.	Oz.
Each of the above	¼ oz., 70c	$0.35	$2.25
Mixed, all colors	¼ oz., 60c	.25	1.80
New Super Giant Los Angeles. It is of the general habit of the Giants of California, but earlier and much larger than any of the Giants of California type yet introduced, hence the name, Super Giant Los Angeles. But, while the flowers are large, they are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink	¼ oz., 70c	.35	2.40
Super Giant El Monte. Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period	¼ oz., 80c	.35	2.80

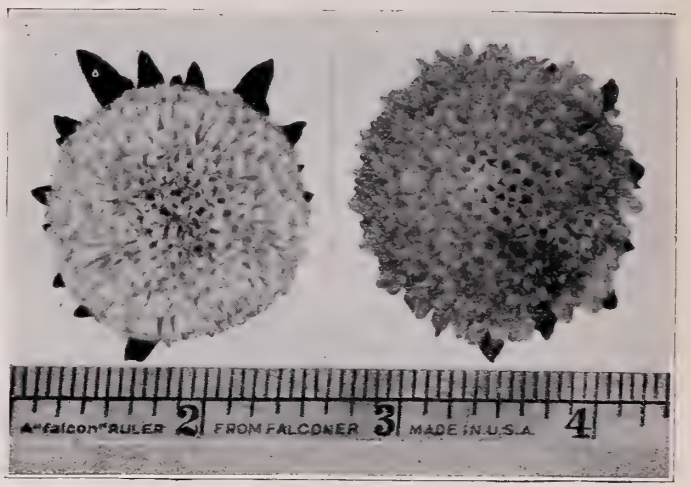
IMBRICATED POMPON—20 inches

A variety that is very popular among the California flower growers.

Crimson — Fiery Scarlet — Light Blue
Rose, lb., $22.00. — White, lb., $22.00. — Dark Blue

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.35	$2.00
Mixed, all colors	¼ oz., 50c	.25	1.80

ASTER CALIFORNIA GIANT SUNSHINE



ASTER IMBRICATED POMPON

GIANT PEONY FLOWERED—2½ to 3 ft.

Flowers beautifully incurved with straight, rigid stems non-lateral branching.

Peachblossom (White flushed pink)
Azure Fairy (Azure blue) — Rose Bud (Deep rose)
Maiden's Blush (Delicate pink) — Silvery Rose
Purple Robe (Deep purple) — Swan's Down (Pure white)

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.35	$2.00
Mixed, all colors	¼ oz., 50c	.25	1.80
Boltze's Dwarf Bouquet, Mixed. A splendid variety for pots	¼ oz., 50c	.25	1.60
Dwarf Chrysanthemum Flowered, Mixed. 12 in.	¼ oz., 40c	.25	1.40
Lilliput, Mixed, 1½ ft., small flowered	¼ oz., 40c	.25	1.40

SINGLE ASTER

Southcote Beauty. Free flowering strain of branching habit. These are very much in evidence in European flower shops. Dark Blue, Rose, White, Light Blue, Scarlet. ¼ oz., 50c; tr. pkt., 25c; oz., $1.50. Mixed, ¼ oz., 40c; tr. pkt., 20c; oz., $1.20.

Bidens Humilis. Yellow. Cosmos-like flowers, 20 in., trade pkt., 10c; oz., 30c.

Bird of Paradise. (Poinciana Gillesii.) Tr. pkt., 15c; oz., 80c.

Brachycome Iberidifolia (Swan River Daisy). 12 in. Blue, White, Pink or Mixed, each, tr. pkt., 15c; oz., 80c.

Browallia Elata. Blue, White or Mixed, each, Tr. pkt., 15c; oz., 80c.

Speciosa Major. Large deep blue flowers. Fine for pots. 12 in. 1/16 oz., $1.00; 1000 seeds, 35c.

BROWALLIA SPECIOSA MAJOR

		Trade pkt.	Oz.
Speciosa Major Alba. Pure white flowers		$0.50	....
Viscosa Compacta Sapphire. Dark blue, white eye,	1/16 oz., $1.00	.35	....

BEGONIA Gracilis Pink Pearl

Begonia

	Trade pkt.	Oz.
Gracilis Pink Pearl. Of dwarf, compact habit—6 to 8 inches high, this new Begonia is one of the very best for pot culture. The plants form perfect balls and the flowers are well above the fresh green foliage	$1.00	....
Red Pearl. Same as above in growth, height and blooming habit. Color brilliant dark scarlet	1.00	....
Luminosa. Deep dark scarlet, foliage reddish brown, 10 in. 1/32 oz., $1.80; 1/8 oz., $5.80	1.00	$36.00
Carmen. Bright rose flowers, bronze foliage 1/64 oz., $1.80; 1/32 oz., 3.20	1.00	....
Carmen Scarlet 1/64 oz., 1.40	1.00	....
Carmen White 1/64 oz., 1.40	1.00	....
Dwarf Luminosa. Extra dwarf, scarlet 1/64 oz., $2.00; 1/32 oz., 3.60	1.00	....
Fireball. Fiery crimson, 10 in. 1/32 oz., 1.80	.50	....
Indian Maid. 10 in. Bright deep scarlet buds and flowers with deep bronze foliage 1/64 oz., $2.00	1.00	....
Pink Profusion. Pure La France rose with rosy-purple buds, compact, very free flowering	1.00	....
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in. 1/32 oz., $2.00	1.00	....
Radio. (Rundfunk). Large flowered, shining, pure carmine-scarlet 1/32 oz., $2.20	1.00	....
Snowball. 9 in. Similar to White Pearl but better 1/64 oz., $1.00	.50	....
White Pearl. White, 10 in. 1/32 oz., 1.80	.50	....
Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet. 1/64 oz., $1.50; 1/32 oz., $2.20	1.00	....
Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink 1/32 oz., $2.40	1.00	....
Semperflorens Albert Martin. Bright carmine, very large flowers, 14 in. 1/32 oz., $1.00	.50	....
Darling. The plants are of ball shape, growing approximately 8 inches high; flowers are large and of a very brilliant carmine rose 1/64 oz., $2.25	1.00	....
Earliest of All. Very large and very early. Color bright carmine scarlet. 7 to 8 in.	1.00	....
Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green 1/64 oz., $2.00	1.00	....
Enchantress. Fresh rose color, better than Prima Donna 1/32 oz., $1.60	.50	....
Erfordia. Rosy carmine, 10 in. 1/32 oz., 1.40	.50	....
Fire Sea. (Blaze of Fire.) Red flowers, green foliage. 1/32 oz., $2.00	1.00	....
G. Knaacke. Glowing salmony pink 1/32 oz., 1.40	.50	....

BEGONIA Semperflorens—Continued	Trade pkt.	Oz.
Glory of Erfurt. Large carmine flowers, 1/64 oz., $1.10	$0.50	....
Gruppen Konigin. (Bedding Queen.) Large soft pink flowers	.50	....
Heterosis Essen, 1938. A very striking new color in the semperflorens type. The buds are one inch across and are of a bright cherry red, while the flowers develop later to 2 in. x 1 in. and are an amaranth cerise. The center of the flower appears mauve, thus producing a particularly charming effect. The plants branch freely and grow to a uniform height of 10 in.	1.00	.....
Lightning. Large flowers 2 in. across and deep carmine scarlet shade; extra deep bright shade 1/32 oz., $2.50	1.00	....
Little Midget. A remarkably early and willing bloomer. Plants when only an inch or two in height, flower freely. Color a pretty dark carmine.	1.00	.....
Scandinavia—See Novelty pages 3 trade pkts., $4.00	1.50	.....
Salmon Queen. Large cinnabar red blooms, dark leaf, 12 in. 1/32 oz., $1.70	.50	....
Striegau. Dwarf compact plant with large fiery carmine flowers 1/64 oz., $1.80	1.00	....
Winter Romance. Carmine pink flowers	1.00	....
Special Mixture of Bedding Begonias 1/32 oz., 1.00	.50	....
Tuberous-Rooted. Single, mixed, 12-in. 1/64 oz., 1.20	.50	....
Crispa mixture of frilled sorts 1/64 oz., 2.00	1.00	....
Narcissus-Flowered	1.00	....
Lloydi (Pendula). Pendulous double-blooming, many fine shades, for pots and hanging baskets	1.00	....
Double. Mixed 1/64 oz., $4.80	1.00	....
Rex Hybrids. Ornamental leaves. 500 seeds, 1.80		
1,000 seeds, 3.20	...	....

MULTIFLORA FL. PL. MRS. HELEN HARMS

Heretofore it has been necessary to propagate this delightful Begonia by means of cuttings. Now we can offer seed which will produce about 90% double flowers. The flowers are a deep canary yellow and are about 1½ in. in diameter. The foliage is small, being narrow and oblong in shape. In the second year the tubers produce much larger plants and many more flowers. Tr. pkt., $1.00.

BEGONIA EVANSIANA

	Trade pkt.	Oz.
Tall rose pink, a native Japanese variety. Flowers in autumn, semi-hardy Begonia	$0.50	.....
Cacalia (Tassel Flower). Scarlet or Orange; good cut-flower, 16 in. Each	.15	$0.50
California Poppy. See Escholtzia.		
Calliopsis Bicolor Splendens. Golden brown center, extra large	.10	.30
Coronata Maxima. (Crown of Gold.) Bright yellow, 20 in.	.10	.30
Drummondi (Golden Wave) Golden yellow with brown-red ring, 20 in.	.10	.20
Semi-Double Gold Crest. A rich golden yellow color with a reddish brown zone. A big improvement over the old Golden Wave. Flowers are 2½ to 3 inches across and come with a double row of mammoth petals	.15	.80
Tom Thumb Dazzler. Rich maroon, golden yellow border, 10 in.	.15	.50
Semi-double, Mixed, 40 in.	.10	.30
Vaughan's Special Mixture	.15	.50
Campanula Attica. Violet flowers, 4 in. 1/4 oz., 85c	.35	....
Lorei × Violet blue with light center, 6 in. 1/4 oz., $1.00	.35	....
For other varieties see perennial pages.		
Canary Bird Flower. Yellow. Good climber for shade.	.10	.30

Annual Canterbury Bells

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

	Trade pkt.	Oz.
Angelus Bell. Deep rose 1/4 oz., 25c	$0.15	$0.80
Liberty Bell. Blue 1/4 oz., 25c	.15	.80
Mission Bell. Clear pink 1/4 oz., 25c	.15	.80
Wedding Bell. White 1/4 oz., 25c	.15	.80
Mixed, containing light and dark blue, pink, rose and white 1/4 oz., 20c	.15	.60
Cardinal Climber. Bright and delicate climber	.15	.50

CALENDULA SENSATION

Calendula Forcing Varieties

	Trade pkt.	Oz.
Ball Apricot.....¼ oz., 60c; 4 oz., $6.50; lb., $20.00	$0.40	$2.00
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange. ¼ oz., 60c; 4 oz., $6.50; lb., $20.00	.40	2.00
Ball Lemon Queen. ¼ oz., 60c; 4 oz., $6.50; lb., $20.00	.40	2.00
Ball Light Orange, An extra long stemmed light centered orange. Not quite as dark as Masterpiece with longer stems, large flowers, and heavier growth. .....¼ oz., 60c; 4 oz., $6.50	.40	2.00
Ball Long Orange. Long-stemmed, light center clear orange.....¼ oz., 60c; 4 oz., $6.50; lb., $20.00	.40	2.00
Ball Masterpiece. Extra long-stemmed deep orange with brown center..... .....¼ oz., 60c; 4 oz., $6.50; lb., $20.00	.40	2.00
Ball White (Moonlight). The lightest in color of all the Calendulas, being a beautiful soft cream yellow. A very charming shade....¼ oz., 60c; 4 oz., $6.50	.40	2.00
Ball Varieties. Mixed.....¼ oz., 50c	.30	1.50
Sensation. Long stems, very double, brilliant orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.....¼ oz., 25c; lb., $8.00	.15	.80

These above varieties are also admirable for outdoor growing.

BEDDING VARIETIES

Apricot Queen. Creamy yellow, flushed apricot. .....¼ oz., 30c	.20	1.00
Frilled Beauty. New, deep orange.....	.20	.80
Graciella. A new type of Calendula; the plants grow only about 12 inches high, which makes them suitable for edging, borders, etc. The colors are varying from lemon to light and dark fiery orange yellow, with or without dark eye. Their greatest advantage, however, is in their early flowering—plants will be in bloom when 6-7 weeks old....¼ oz., 40c	.20	1.40
Orange Sunshine. Same loose flower form with dainty incurved petals, color is a clear light orange of a vivid and penetrating tone. The stems are unusually long for Calendulas and very firm.....¼ oz., 30c	.15	.80
Orange King. Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony..lb., $5.00	.15	.50
Pastel Bedding Mixed. Charming assortment of art shades.....	.15	.80
Radio. The flowers are medium size, good depth and clear orange in color. The petals are beautifully quilled.....lb., $5.00	.15	.50
Radio Golden Beam. Same as above only color is light yellow.....	.15	.50

CALENDULA BEDDING VARIETIES—Continued

	Trade pkt.	Oz.
Shaggy. A distinct new break in Calendulas. The petals are long and deeply laciniated, orange with darker center.....	$0.15	$0.60
Sunshine or Chrysantha. Petals long, broad and drooping, giving the flower a globular form. Buttercup yellow.....	.20	.80
Vaughan's Special Mixture.....lb., $6.00	.15	.60

Calceolaria Hybrida

Hybrida Grandiflora Triumph Strain. An excellent strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. A prize winner in the S. A. F. Milwaukee Show.....1/64 oz., $2.50	1.25	....
Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties..... .....1/32 oz., $3.40; 1/64 oz., $1.80.	1.00	....
Hybrida Multiflora Nana. Mixed. The average size of the blooms is only 1½-inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well-shaped bushy stock..... .....1/128 oz., $2.20; 1/64 oz., $4.25	1.00	....
Golden Tiger. Bright golden yellow flowers with dark brownish red dots, freely produced above the foliage.....1/64 oz., $3.50	1.00	....
Indian Prince. Rich dark scarlet with orange suffusion.....	1.00	....
Grandiflora Graciosa. A type with very large flowers, self colors of a great variety, especially in the yellow shades.....	.75	....
Grandiflora. Nana Tigrina. Dwarf mixed..... .....1/64 oz., $2.40	1.00	....
Albert Kent Hybrids. A very lovely variety for either greenhouse or outdoor culture. The flowers are intermediate in size and produced in large graceful clusters.....1/32 oz., $3.60; 1/64 oz., $2.00	1.00	....
Kelway's Perfect Model. (Herbaceous.) Originator's Stock.....1/32 oz., $4.25; 1/64 oz., $2.25	1.00	....
Feltham Glory. The range of color of the numerous flowers includes scarlet, orange, buff, rich brown and golden yellow in self, blotched and spotted forms.....1/64 oz., $2.00	1.00	....

The Rugosa varieties furnish splendid cut-flower material besides being good pot plants. The flowers are smaller than the Hybrida, produced in clusters and keep well in water after cutting. The Rugosa (shrubby) varieties are true bedding varieties, having innumerable small flowers.

	Trade pkt.
Rugosa Aurea. Golden Rain. Pure yellow.....	$1.00
Major. Mixed.....	1.00

"Flower Cloud." This is a cross between the C. Rugosa and Grandiflora. The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Leaves are rather elastic, like those of the Rugosa, making them easy to pack and ship. 1-128 oz., $3.80; 3 tr. pkts., $2.70 — 1.00 ....

Candytuft

	Trade pkt.	Oz.
Giant Hyacinth-Flowered, Vaughan's Extra Select. This is the best strain of this choice cut-flower item. There is none better. Sow early in January for Mother's Day.....4 oz., $2.25; lb., $8.00	$0.20	$0.80
Coronaria, Empress. White.....lb., $2.40	.10	.25
Miniature Gem. A miniature hyacinth-flowered Candytuft about 3½ inches high, each plant producing four to six spikes of pure white flowers. A good combination pot plant item.....¼ oz., 25c	.15	.80
Umbellata Carminea. Carmine, 12 in.....lb.,$3 60	.15	.40
Alba. White. 12 in.....lb., 3.60	.15	.40
Flesh-Pink. 12 in.....lb., 3.60	.15	.40
Lilacina. Lilac, 12 in.....lb., 3.60	.15	.40
Purpurea. Crimson, 12 in.....lb., 3.60	.15	.40
Rose Cardinal. Rose-pink, 12 in.....lb., 4.40	.15	.50
Mixed.....lb., 2.40	.10	.30
Dwarf Mixed. For pots or combination baskets...	.15	.40

For Gibraltarica, Tenoreana and Sempervirens, see perennial pages.

CANDYTUFT Giant Hyacinth Flowered. Tr. pkt., 20c; oz., 80c; lb., $8.00.

Carnation

Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

			Trade pkt.	Oz.
White	Flesh-Pink	Maroon		
Yellow	Deep Rose	Salmon-Rose		
Rose-Pink	Scarlet			
Each of above		¼ oz., 60c	$0.25	$2.20
Vaughan's Early and Perpetual-Flowering, mixed.		¼ oz., 50c	.25	1.80

Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to 2¼ to 2¾ inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

			Trade pkt.	Oz.
White	Rose	¼ oz., $1.75		
Salmon	Red	¼ oz., 1.75		
Each of above		⅛ oz., 1.00	$0.50	....
Mixed, from varieties noted above		¼ oz., 1.20	.50	....
Engelmann's Perpetual Gold Medal Hybrids. Seeds saved from the best varieties, with large flowers borne on long stems		⅛ oz., $2.00	.50	.....
Rasse Teicher. A new European variety, producing extraordinary large blooms, in a fine range of colors; excellent for cutting; choice mixture		⅛ oz., $1.80	.75	$12.00
Vaughan's Special Mixture. A mixture of Engelmann's Gold Medal, Giant of Nice and Chabaud.		⅛ oz., 75c	.50	5.00

For other Carnations, see perennial pages.

Castilleja Indivisa (Indian Paint Brush). A very rare annual; rosy-pink bracts, intermingled with orange-red. Fine for pots.....1000 seeds, 80c

Celosia (Coxcomb)

		Trade pkt.	Oz.
Childsii (Chinese Wool Flower). Crimson, 2 ft.	¼ oz., 40c	$0.25	$1.40
Deep Rose	¼ oz., 40c	.25	1.40
Yellow	¼ oz., 40c	.25	1.40
Mixed	¼ oz., 40c	.25	1.30
Cristata (Coxcomb). Tall, crimson, Colden Yellow Rose, Scarlet, Chamois, each		.25	....
Tall sorts, mixed		.15	.60
Miracle Cockscomb, Mixed. Found as a sport among plumed celosias and developed and fixed to type by many years' selection, it is the most wonderful cockscomb. Grows 2-3 ft. high without branches, terminated with remarkable cockscombs of enormous size, some round, others cockscomb shape, with surface like velvet plush, others of waved or corrugated appearance		.50	....
Nana Aurea. Dwarf, dark golden, 12 in.		.25	....
Empress. Bright crimson combs, dark foliage, beautiful, 12 in.		.25	....
President Thiers. Dark crimson, 12 in.	¼ oz., 60c	.25	....
Rosea. Dwarf. Dark rose combs, 12 in.		.25	....
Dwarf Sorts. Extra choice mixed		.35	....
Plumosa (Ostrich Plume). Crimson	¼ oz., 40c	.25	1.20
Ostrich Plume. Orange	¼ oz., 40c	.25	1.20
Pride of Castle Gould, mixed	¼ oz., 60c	.25	....
Parrot's Feather	⅛ oz., $1.00	.35	....
Pyramidalis Flame of Fire. (New.)	¼ oz., 1.00	.35	....
Dwarf Mixed. Fine for pots	¼ oz., 60c	.25	....
Lilliput Dwarf Fire Feather. 12 in.	⅛ oz., 60c	.25	....
Orange Feather	⅛ oz., 60c	.25	....
Mixed	⅛ oz., 60c	.25	....
Thompsoni Magnifica Special Selection, mixed.	¼ oz., 60c; oz., $2.25	.25	....
Spicata. 3 ft. Branching freely, each stem terminating in a round slender pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white, so that a fully developed spike resembles a slender silver plume with a bright carmine tip		.25	....

Cephalophyllum Actum. We believe that this variety will become as generally popular as the Kalanchoe, as it comes readily from seed and flowers in a relatively short period. Growing about 6 inches high, it produces attractive ray flowers of a rich violet blue with pretty centers. The thick fleshy plant growth makes an attractive house plant even when not in flower.....1000 seeds, $12.00. .....100 seeds, 1.50.

Cleome Pungens (Giant Spider Plant). Light rose	.10	.40
Gigantea, white	.10	.50
Clianthus Dampieri (Glory Pea of Australia). Dark red and black, 24 in. ¼ oz., 75c	.35	....
Cobaea Scandens. Purple.....lb., $4.40	.10	.40
Cockscomb. See Celosia.		
Coix Lachrymae (Job's Tears).....lb., 1.00	....	.10
Coleus Colosse des Pyrenees. Mixture..⅛ oz., 1.00	.35	....
Glory. A mixture of colors never seen before, such as bronze, pink, apricot shades, cream, etc. A remarkably fine strain saved from the finest varieties grown by a noted European specialist; it is unequalled for the beautiful form and coloring of its large leaves. Very highly recommended by the New York Florists' Variety Test Club. Sow seed January 1st for Memorial Day plants. "The Choicest Strain in the World." .....3 for $2.00	.75	....
Large-leaved Dwarf Mixed. For pots	.75	....
Extra Choice, large-leaved, mixed.....⅛ oz., 1.00	.50	6 00
Large-leaved, Copper color, 20 in.	.50	....
Vaughan's Rainbow Mixture. The above and others.	1/16 oz., $1.00	.50	....

Columbine. See Aquilegia, perennial pages.

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.

CENTAUREA Vaughan's Super Double

SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

		Trade pkt.	Oz.
Black Boy. Blackish maroon		$0.15	$0.50
Blue Boy. Rich deep blue, very large flowers	4 oz., $1.40	.15	.40
Pinkie. Deep pink	4 oz., 1.50	.15	.50
Red Boy. Deep red	4 oz., 1.50	.15	.50
Snowman. Best white	4 oz., 1.50	.15	.50
Vaughan's Mixture of Super Giant New Varieties Mixed	4 oz., 1.50	.15	.50

		Trade pkt.	Oz.
Centaurea Cyanus. Jubilee Gem. Dwarf blue, 12 in.	¼ oz., 50c	$0.25	$1.80
Ruby	lb., $4.00	.10	.40

Centaurea

Americana. (Basket Flower.) Lilac, 4 ft.	lb., $4.20	.10	.40
Alba. White. 4 ft.	lb., 4.20	.10	.40
Candidissima (Dusty Miller). Silvery foliage. 16 in. This must be started early, it is a slow grower.	¼ oz., 50c	.25	1.40
Gymnocarpa. Silvery foliage	lb., $5.00	.15	.50
Imperialis (Giant Sweet Sultan). Pure white, 32 in. Amaranth, a rich plum color; Brilliant Rose; Deep Lavender; Favorita, rosy lilac; Lilacina, lilac center; Splendens, dark purple, each		.15	.50
Mixed Colors		.10	.40
Moschata, Mixed (Sweet Sultan). 32 in.		.10	.40
Suaveolens. Canary-yellow, 2 ft.	lb., $4.40	.10	.40
Vaughan's Special Mixture. Includes all the annual Centaurea sorts		.15	.60

See also Perennial pages.

Columnea Splendens. An attractive, well-known evergreen pot plant belonging to the Gesneriaceae. January sowings produce fine flowering, hanging tendrils about 20 inches long in Autumn. The reddish brown opposite leaves are arranged in close rows. The predominant shade of the open throated upright blooms about 3 inches long is a burning orange scarlet. In bloom from September to December ..... 1.00 ....

Chrysanthemum

	Trade pkt.	Oz.
Carinatum, Burridgeanum. White, crimson zone	$0.10	$0.25
Eclipse (Chameleon). Brown and yellow. 20 in.	.10	.20
Northern Star. Giant white flowers with light yellow center and black disk, 20 in.	.10	.20
Purpureum. Deep purple with yellow ring, 20 in.	.10	.20
The Sultan. Dark copper, yellow ring, 20 in.	10	.20
Single Mixed	.10	.20
Cascade or Balcony. Plants produce drooping spikes a foot or more in length, flowers about the size of a Climax Aster in delicate shades of pink, rose, yellow and white mixed	.50	....
Coronarium. Double golden yellow, 4 ft.	.10	.20
Double White, 4 ft.	.10	.20
Golden Crown. Has the robust constitution of the coronarium variety, growing 3-4 ft. tall. It branches freely and blooms profusely, a plant carrying from 50 to 60 flowers at one time. The color is rich butter yellow and flowers are double form with quilled petals	.25	....
Frutescens (Paris Daisy). White, 30 in.	.15	.60
Indicum fl. pl., Chinese. Early-blooming, hardy, double mixed, 2 ft. ⅛ oz., $1.00	.50	....
Single Chinese. Early-flowering ¼ oz., 1.20	.35	4.00
Inodorum Plenissimum. Bridal Robe. Pure white, extra double, compact, fine foliage, 20 in. ¼ oz., 40c	.25	1.40
Japonicum Double Anemone Flowered. Finest Mixed. The flowers, which are beautifully quilled, measure from 2 to 3 inches across. In color they are extensively varied and contain wonderful assortment of golden and bronze which is one of the characteristics of this new strain. Blooms from seed the first year, if sown early ⅛ oz., $1.00	.50	....
Nivelli. Of bushy growth, with an abundance of beautiful, pure yellow, single flowers all summer and fall. The flowers measure 2 to 3 inches across. They have long stems and are excellent for cutting.	.10	.40
Segetum (Eastern Star). Light yellow with dark center and yellow ring, 20 in.	.10	.30
Eldorado. Bright yellow, dark brown disc	.10	.30
Gloria (Morning Star). Primrose flowers, 20 in.	.10	.25
Helios (Evening Star). Large golden yellow.	.10	.25
Vaughan's Double and Single Mixed, annual sorts.	.15	.60

See also Perennial pages.

Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

	Trade pkt.	Oz.
Albatross. Pure white	$0.15	$0.60
Appleblossom. A good rose-pink	.15	.50
Brilliant. Double salmon	.15	.50
Chamois. Pale rosy pink	.15	.50
Chieftain. Mauve	.15	.50
Copper Scarlet	.15	.50
Enchantress. Salmon pink	.15	.50
Firebrand. Copper scarlet	.15	.60
Glorious. Crimson scarlet	.15	.80
La France. Pale salmon pink	.15	.50
May Blossom. Pure glowing rose	.15	.60
Orange King. A good orange	.15	.50
Purple Prince. Rich purple	.15	.50
Rosy Morn. Beautiful rose color, very double	.15	.80
Queen Mary. Carmine	.15	.50
Salmon Queen. One of the best	.15	.50
Salmonea Perfecta. True salmon, extra double	.15	.60
Vesuvius. Fiery-scarlet and rose	.15	.50
White Prince	.15	.60
Vaughan's Special Mixture	.15	.80
Novelty Mixture	.15	.80

Convolvulus Major (Morning Glory). Mixed, lb., 70c .... .10
Mauritanicus. Blue, for hanging baskets, 6 in. ¼ oz., 40c .25 1.40

Cordyline. See Dracaena.
Coreopsis. See perennial pages.
Corn Flower. See Centaurea Cyanus.
Cosmidium Burridgeanum. Orange Crown. Golden yellow with a broad circle of a rich orange around the disc, 24 in. .10 .30

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.

CINERARIA "GOLD CENTER".

Cineraria Hybrida

	Trade pkt.	Oz.
Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest strains, and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/64 oz., $1.80; 1/32 oz., $3.00; 1/16 oz., $5.50; .....about 1000 seeds	$1.00	....
Howard and Smith's Strain. Mixed. A very fine selection from a California specialist. 1/64 oz., $2.60	1.00	....
Large-Flowering. Old Rose, pink to rich coppery-red. White. Azure Blue. Matador, deep copper Crimson. Dark Blue. scarlet. Rosamond.....Each, 500 seeds	.50	....
James' Giant. A well-known English strain. .....1,000 seeds	1.00	....
Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana. .....1/16 oz., $7.50; 1/32 oz., $4.00; 1/8 oz., $14.00	1.50	....

CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

This new strain is distinguished by the golden yellow stamens —in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. We strongly recommend this new variety.

500 seeds, 60c; 1000 seeds, $1.00; 1/64 oz., $2.25

	Trade pkt.	Oz.
Hybrida Multiflora Nana. Produces dwarf plants with masses of small flowers, measuring about 3/4 in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored. Azure Blue Dark Red Rose Carmine Dark Blue Rose Each of the above.....500 seeds	$0.50	....
Multiflora Nana. Mixed, all colors, 1/32 oz., $2.00	1.00	
Multiflora Nana Maxima. Mixed. Flowers about same size as Potsdam strain and plants about same height.....1/32 oz., $2.40; 1500 seeds	1.00	....
Potsdam Strain. Mixed. (Berlin Market or Weissensee). Taller and larger flowered than Cremer's Prize mixture..... .....1/64 oz., $1.50; 1/32 oz., $2.80; 1500 seeds	1.00	....
Crimson Dark Blue Rose Salmon Rose Shades White Each of above.....500 seeds	.50	....

CINERARIA—Continued.	Trade pkt.	Oz.
Covent Garden Strain. The flowers of this strain are much smaller than those of our Columbian mixture, but the plants produce a large head of bloom when grown in small pots...1/64 oz., $1.50	$1.00	....
Plenissima. Double mixed. Good for cutting. 500 seeds	.50	....
Star Cineraria (Cineraria Hybrida Polyantha). Fine, small-flowering varieties, for cutting and decorative purposes. 3 ft.....1/32 oz., $1.40; 1000 seeds	.50	....
Feltham Beauty. Somewhat dwarfer than above, but with larger flowers and broader petals; nearly all have white centers...1/32 oz., $1.20; 1000 seeds	.50	....
Polyantha Stellata, Blue. Rich, dark blue, 2 ft. .....1/32 oz., $1.20; 1000 seeds	.50	....
Salmon Pink, a fine new shade..... .....1/32 oz., $1.40; 1000 seeds	.50	....
Cineraria Maritima Candidissima (Dusty Miller)....	.15	$0.40
Maritima Diamond. Leaves pure white.....	.15	.60

Cosmos

COSMOS SENSATION SPECIAL SELECTION MIXED

Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. Colors pink and white. For exhibition flowers, leave plants 3 to 4 ft. apart and disbud. Trade pkt., 25c; 1/4 oz., 40c; oz., $1.20.

Pink Sensation. Trade pkt., 25c; 1/4 oz., 55c; oz., $1.80
White Sensation. Trade pkt., 25c; 1/4 oz., 55c; oz., $1.80

	Trade pkt.	Oz.
Giant-Flowered Red.....	$0.10	$0.25
Mixed, all colors.....lb., $1.40	.10	.20
Pink Lady Lenox. 30 in.....	.10	.25
White Lady Lenox.....	.10	.25
Early-Flowering Mammoth. White, Pink or Crimson, each .....lb., $3.00	.10	.30
Mixed, all colors.....lb., 2.80	.10	.30
Early Express. Mixed. An extra early Cosmos, flowering in from 45 to 50 days, grows about 2½ to 3 ft. high and is covered with medium sized flowers.....	.15	.60
Anemone-Flowered (Crested). Mixed.....	.15	1.00
Double Early-Flowering. Pink, White or Red. They come about 75 per cent double.....1/4 oz., 50c	.25	1.80
Early Flowering. Mixed.....1/4 oz., 50c	.25	1.60
Orange Flare. An outstanding novelty. Plants will flower in the north in less than four months, and continue to bloom. A tropical plant, it should not be sown outdoors until the ground is warm, and if started indoors, it should be given bottom heat of at least 70 degrees. Give it full sun in the garden. Cut flowers should be taken when newly opened. .....1/4 oz., 35c	.25	1.00

COSMOS Sensation PINK. Tr. pkt., 25c; 1/4 oz., 55c; oz., $1.80.

Cyclamen—Persicum Giganteum

Binnewies—German Strain

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

	100 Seeds	1000 Seeds
Bonfire. Brilliant salmon	$1.70	$15.00
Bright Red	1.20	10.00
Dark Blood Red	1.20	10.00
Lavender	1.20	10.00
Morning Red. Light salmon, dark eye	1.60	13.00
New Ruffled. Mixed	2.00	18.50
Orange Beauty. Orange vermilion, new	1.85	17.00
Pink Pearl	1.85	17.00
Pure Rose	1.20	10.00
Pure White	1.20	10.00
Rococo Erecta, Mixed. Large fringed flowers	1.60	14.00
Saffron. Red	1.30	11.00
Saffron. Red, silver edge	1.70	15.00
Salmon Scarlet (America Improved)	2.00	16.00
Salmon Rose Improved	1.50	13.00
Salmon Color Dark (Glory of Wandsbek or Pearl of Zehlendorf)	1.50	12.00
Salmon Color Light (Rose of Zehlendorf)	1.50	12.00
Soft Rose with carmine eye (Impr. Rose of Marienthal)	1.20	10.00
White with carmine eye	1.20	10.00
White Crested. The center of the flower petals are feathered in their form which is right in the center of the flowers	1.60	13.00
Binnewies. Mixed	1.20	10.00

Dlabka Strain Cyclamen

Bright, strong colors, finely formed flowers, its blooming period is longer than other strains, which keeps the plants in salable condition for a greater length of time.

	100 Seeds	1000 Seeds
Alpine Glow	$2.00	$18.00
Bright Red	1.20	10.00
Fanal. Fiery salmon red	1.80	16.00
Pearl of Zehlendorf. Dark salmon	1.40	12.00
Pure Rose	1.20	10.00
Pure White	1.20	10.00
Rose of Zehlendorf. Light salmon	1.40	12.00
Red with Salmon Hue	1.40	12.00
Salmon Scarlet	1.80	16.00

Double Cyclamen

It is a full double petaled flowering strain, the individual flowers averaging 10 petals. A plant in full bloom gives the effect of having about twice as many blooms as the average Cyclamen, is also pleasingly fragrant. This strain comes 80% true from seed.

Admiration. A beautiful salmon rose with shaded eye.
Cerise Brilliant. A good Christmas color.
Prosperity. An azalea type, a flaming rose.
Rosea. A soft rose with a coral cast shading lighter at petal tips.
Each of the above, $2.50 per 100 seeds; $20.00 per 1000 seeds.
Double Mixed. The four above, 100 seeds, $2.50; 1000 seeds, $20.00.

	Trade pkt.	Oz.
Cuphea Platycentra (Cigar Plant). Russet orange, excellent for pots and borders, 1 ft. . . . . ⅛ oz., $1.20	$0.35	....
Firefly. This is a semi-dwarf, compact growing annual about 10 to 12 inches in height, with a spread of about 12 inches. The flowers are freely produced and somewhat fluted in formation, a deep rosy scarlet color, deepening to almost purple at the center. The foliage is very attractive, the plants grow very readily from seed and flower in about five months from the time they are sown . . . . . ⅛ oz., $1.00	.50	....
Miniata. Flower deep scarlet, center lilac, 1⅓ ft. . .	.25	....
Purpurea. Mixed	.20	....
Cynoglossum Blue Bird (Improved Chinese Forget-me-not). A lovely plant 18 to 24 inches tall with flowers of a rich, bright blue. May be grown either outside or under glass	.15	$0.50
Amabile Album. White	.10	.40
Fairy Blue. Deep ultramarine blue	.15	.40
Pink	.15	.40
Cyperus Alternifolius (Umbrella Plant)	.20	1.00
Cypress Vine. Hybrida Cardinal Climber	.15	.50

DAHLIA Unwin's Dwarf Hybrids.
A Splendid Item for Mother's Day.

Dahlia

These are easily grown from seed.

	Trade pkt.	Oz.
Double Cactus-Flowered. Extra choice mixed	$0.50	$ 5.00
Selecta. An extra choice strain . . . . . ⅛ oz., $1.30	.75	8.00
Lilliput. Mixed . . . . . ⅛ oz., .85	.50	6.00
Salbach's Selected . . . . . 100 seeds, 1.70	....	....
Salbach's Choice Mixed . . . . . 100 seeds, 75c	....	....
Single Giant Perfection. Mixed, 4 ft.	.20	.80
Collarette New hybrids, 3 ft. . . . . ¼ oz., 40c	.25	1.40
Coltness Hybrids, mixed, 1 ft. . . . . ¼ oz., 40c	.25	1.40
Scarlet. Single bright scarlet . . . . . ¼ oz., 60c	.25	2.20
Yellow. Single . . . . . ¼ oz., 60c	.25	2.20
Rose . . . . . ¼ oz., 70c	.25	2.40
White . . . . . ¼ oz., 60c	.25	2.20
Unwin's Dwarf Hybrids. Seeds sown in March, plants will be in bloom by the end of June. Graceful semi-double flowers in a wide range of colors. If tubers are divided and potted in February (start in a cool house), they make fine plants for Mother's day, when they sell like hot cakes . . . . . ¼ oz., 50c	.25	1.80
Unwin's Ideal Bedding. Twisted petals, double and semi-double in many charming shades; treat like above . . . . . ¼ oz., 60c	.25	2.00
Zulu. Dwarf double, dark leaved, mixed . . . ¼ oz., 85c	.35	3.00
Vaughan's Special Double Mixed	.50	4.00

Didiscus Coeruleus (Lavender Lace Flower). 3 ft. Long-stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief or Wild Carrot. A constant bloomer. To be sown where they are to flower	.15	.80
Digitalis, see Perennial pages.		
Dimorphotheca Aurantiaca (Orange Daisy). Glossy golden-orange flowers, 12 in.	.20	.80
Aurantiaca, New Hybrids	.20	.80
Salmon Beauty . . . . . ¼ oz., 40c	.20	1.20
Ecklonis. White, dark blue center . . . . . ¼ oz., 50c	.25	1.60
Ringens Double. Grey double crested center . . . . . ¼ oz., 50c	.25	1.80
Dolichos Lignosus, Australian Pea Vine. Purple	.15	.60
Lablab, Mixed. (Hyacinth Bean) . . . . . lb., $1.00	....	.15
Dracaena Australis. Broad-leaved	.20	.80
Indivisa. Narrow-leaved . . . . . lb., 4.40	.15	.40
Dracocephalum Ruyschianum. Dark blue, 1 ft. . . . . ¼ oz., 40c	.25	1.40
Datura Fastuosa fl. pl. Double mixed, 40 in.	.10	.30
Double White, 40 in.	.10	.30
Cornucopiae. White marbled with purple, 40 in.	.10	.40
Triple-flowered. Yellow (Golden Queen), 40 in.	.10	.40

Dianthus — Pinks

	Trade pkt.	Oz.
Barbatus, see Sweet William (Perennial Pages).		
Chinensis fl. pl. Double Chinese, mixed, 16 in. ..... lb., $4.00	$0.10	$0.40
Tom Thumb. Brilliant scarlet, 6 in... ¼ oz., 45c	.25	1.50
Delight. There is a bewildering range of colors from the palest pink down to the deepest purple, the predominating shades are velvety rich reds, many have the eye of a Sweet William. ⅛ oz., $1.00	.35	
Heddewigii fl. pl. Double Japan pink, choice mixed, 12 in.....	.15	.40
Fireball. Double, brilliant dark scarlet. ¼ oz., 25c	.15	.80
Rosalind. Double rose..... ¼ oz., 30c	.15	1.00
Single Japanese varieties. Choice mixed.....	.10	.40
Laciniatus Splendens. The flowers are very large, over two inches across, in a brilliant shade of crimson, with a large boldly contrasting glistening white eye. 1 ft..... ¼ oz., 25c	.15	.80
Salmoneus. Single, salmony scarlet, 8 in.....	.15	.80
Fl. pl. Double salmon.....	.15	.80
Snowball. Double white.....	.15	.80
Double fringed. Best mixed.....	.15	.60
Vaughan's Special Mixed, Double and Single Pinks	.15	.80
Vaughan's Special Mixture, Single Pinks.....	.15	.80
Vaughan's Special Mixture, Double Pinks.....	.15	.80

Sweet Wivelsfield

A new, hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus is bound to win instant favor both as a cut flower of lasting quality and as a bedding plant. Trade pkt., 15c; ¼ oz., 25c; oz., 80c.

See also Perennial pages.

ECHEVERIA CARNICOLOR

An attractive winter-flowering pot plant. The rosettes, about 4 inches across, produce many long lasting, brilliant vermilion to orange flowers which make a pleasing color effect together with the bluish green metallic coloring of the leaves. 100 seeds, 25c; 1000 seeds, $2.00.

	Trade pkt.,	Oz.
Echeveria (Hen and Chicken). De Smetiana..... .....100 seeds, 20c; 1000 seeds, $1.80	....	....
Metallica.....100 seeds, $1.00; 1000 seeds, 8.00	....	....
Retusa Hybrids. The flower spikes, 16 to 21 inches high, with their bright orange to carmine red flowers, are very pretty above the gray-green foliage. Can be had in bloom from October to May. .....100 seeds, 25c; 1000 seeds, $2.00	....	....
Secunda Glauca...100 seeds, 25c; 1000 seeds, 2.00	....	....
Mixed.....100 seeds, 25c; 1000 seeds, 2.00	....	....
Echinocystis Lobata (Wild Cucumber).....	$0.10	$0.20
Erysimum Perofskianum. Orange, 2 ft.....	.10	.30
Erythrina Crista-Galli (Coral Tree). 3 ft..... .....100 seeds, $2.00	...	....

Escholtzia

Californica, Dwarf Erecta. 1 ft.		
Ramona, golden bronze, coppery rose outside. A new compact flower, beautifully frilled and curled....	.20	1.00
Californica, Spreading Varieties. 1 ft.		
Carmine King, deep carmine.....	.10	.40
Golden West, yellow-orange center.....lb., $2.40	.10	.35
Mandarin, inside petals orange, outside scarlet.....	.10	.25
Mikado, orange-crimson.....	.10	.40
Sunlight, bright lemon self, very early.....	.10	.40
Double and Semi-Double.		
Pink.....	.20	.80
Hunnemannia (Bush Escholtzia) yellow, 18 in.....	.15	.50
Vaughan's Special Mixture.....	.15	.80

DIANTHUS DELIGHT.

	Trade pkt.	Oz
Euphorbia Heterophylla (Mexican Fire Plant), 3 ft.	$0.15	$0 50
Variegata (Snow-on-the-Mountain). Foliage edged white and green, 2 ft.....lb., $2.00	.10	.20
Everlasting Flowers. Annual. See Ammobium, Acroclineum, Helichrysum, Rhodanthe, Xeranthemum, Gomphrena and Statice.		
Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Ornamental Grasses, Physalis and Statice.		
Exacum Affine. Blue. Fine for pots and baskets. .....6 in., ¼ oz., $1.60; 1000 seeds, 75c	....	....
Affine Atro-Coeruleum, New. Dark blue. ¼ oz., $2.25	1.00	....

Fern Spores

Adiantum Cuneatum	Pteris Mayii
Adiantum Gracillimum	Pteris ensiformis Victoriae
Adiantum Hybridum	Pteris magnifica
Adiantum Hispidulum	Pteris serrulata
Adiantum Wrightii	Pteris serrulata cristata
Cibotium Schiedei	Pteris serrulata maxima
Aspidium tsussemense	Pteris tremula
Cyrtomium falcatum	Pteris Wilsonii
Cyrtomium Rochfordianum	Pteris Wimsettii
Cyrtomium Rochfordianum compactum	Pteris Wimsettii multiceps
	Pteris Wimsettii distinction
Pteris argyrea	Pteris Parkerii
Pteris albo-lineata	Pteris Rivertoniana

Any of the above, per trade packet, 75c.

Feverfew. See Matricaria and Pyrethrum.

Forget-Me-Not. See Perennial pages.

Foxglove (Digitalis). See Perennial pages.

	Trade pkt.	Oz.
Four O'Clock (Marvel of Peru). Mixed.....lb., 80c	....	$0.10
Dwarf Mixed. Choice assortment.....	$0.10	.25
Longiflora Alba. Sweet scented.....	.15	.50

Freesias

Sow seed in cold frame the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air.

	Trade pkt.	Oz.
Freesia Refracta Alba. Pura. Pure white..lb., $6.40	$0.15	$0.60
Rainbow Hybrids. The colored Freesias..lb., 12.00	.25	1.20
Hybrida Tubergenii. Richest shades, largest flowering hybrids.....⅛ oz., 35c; ¼ oz., 60c; 4 oz., $6.00; .....lb., $20.00	....	2.00

	Trade pkt.	Oz.
Gaillardia Amblyodon. Red, fine, 24 in.	$0.15	$0.60
Picta. Single mixed	.10	.20
Indian Chief. New bronzy red	.10	.40
Lorenziana. Double mixed, 20 in.	.10	.30
Rubra. Red shades with white	.15	.60
Garden Heliotrope, see Valeriana, perennial pages.		
Gazania Longiscapa. Yellow with brown ring. ¼ oz., 60c	.25	2.20
Splendens Hybrida Grandiflora ¼ oz., 80c	.35	2.80
Geranium. Apple-scented 100 seeds, 20c; 1000 seeds, $1.80		
Zonale. Single, extra large-flowering, mixed, choice. ¼ oz., 70c	.35	2.40
Lady Washington 100 seeds, $2.20; 1000 seeds, $20.00		
Gesneria Robusta Perfecta Hybrids. A fine pot plant. It belongs to same class as the Gloxinias and needs same culture in greenhouse	1.00	....
Gilia. Capitata Blue (Blue Thimble Flower). Fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter, 2 ft. lb., $2.00	.10	.20
Coronopifolia. See Ipomopsis.		
Globe Amaranth (Gomphrena). Mixed	.10	.25
Globosa. Red-purple, white, and pink, each	.10	.25
Nana Compacta Rubra. Dwarf for pots, 6 in.	.15	.50
Orange (Haageana). Flower looks like a ripe strawberry; a fine everlasting lb., $4.00	.10	.40

Gloxinia Hybrida

Vaughan's Columbian Mixture. This is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), $1.00; 1/32 oz., $2.50.

Vaughan's "Beacon"—An Entirely New Strain

Flowers rich dark red. The plants produce from 50 to 70 flowers, and this is only possible with a strain producing many flowering side growths. A fully grown plant makes about three dozen leaves and if one or more leaves are broken, they may be cut off without deforming the plant. Flexible leaves make for easier wrapping and packing. 1,000 seeds, $1.00; 1/64 oz., $1.50.

	Trade pkt.	Oz.
Donau. White with broad blue margin	$1.00	....
Emperor Frederick. Scarlet, white margin 1/64 oz., $1.50	1.00	
Emperor William. Dark blue, bordered white 1/64 oz., 1.50	1.00	
Othello. Purple 1/64 oz., 1.50	1.00	
Scarlet Queen. Deep scarlet 1/64 oz., 1.50	1.00	
Snow Queen 1/64 oz., 1.50	1.00	
Wandsbeker Blut. Black, red passing to deep carmine 1/64 oz., $1.50	1.00	
Waterloo. Black red, passing to deep carmine 1/64 oz., 1.50	1.00	
Gigantea Mixed 1/64 oz., 1.40	1.00	

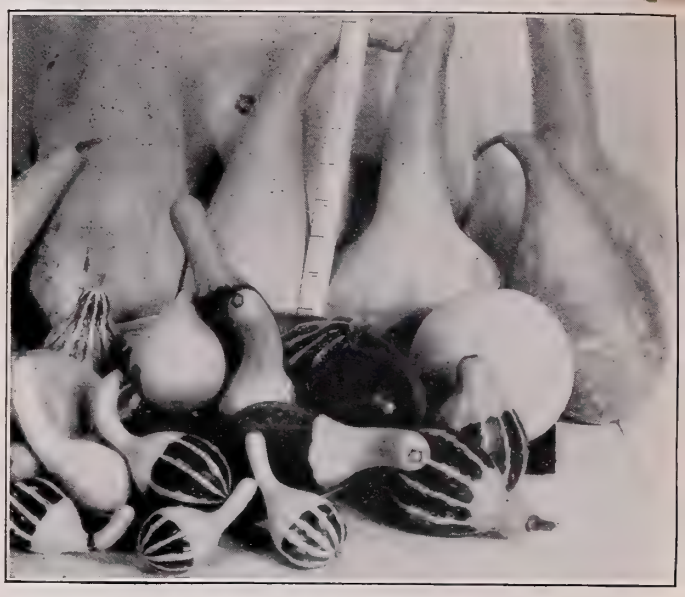
Godetia

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

Gladiolus-like flowers in long trusses; excellent for cutting, 2 ft.

	Trade pkt.	Oz.
Carmine; Mauve; Rose; Rosy Morn, deep rose; Each,	$0.15	$0.60
Mixed	.15	.50
Upright Single.		
Duchess of Albany. Satiny pure white. 16 in.	.15	.50
Duke of York. Rich scarlet on white. 16 in. lb., $6.00	.15	.60
Kelvedon Glory. Glowing salmon-orange. ¼ oz., 60c	.25	2.00
Sybil Sherwood. Bright salmon-pink softened by indefinite edging of white. 16 in.	.15	.80
Dwarf Compact Single.		
Gloriosa. Darkest glowing red. 10 in.	.15	.50
Thunderbolt. Deep crimson, frilled petals. 1 ft.	.15	.80
Wild Rose. Pastel rose, wavy petals	.15	.80
Dwarf Double Azalea Flowered.		
Sweet Heart. Shining pink overlaid cream. 12 in. ¼ oz., 30c	.20	1.00
Whitneyi. Pink, for pots. 15 in.	.15	.80
Tall Sorts Mixed	.10	.40
Dwarf Sorts Mixed	.10	.40



ORNAMENTAL GOURDS.

Ornamental Gourds

The interest that is being shown in gourds as decorative material suggests another item to add to the florist's list of merchandise.

Cultural directions and instructions how to prepare the fruit free for the asking.

SMALL FRUITED

	Trade pkt.	Oz.
Apple-shaped lb., $2.00	$0.10	$0.20
Apple, Striped	.10	.30
Bottle. Miniature	.10	.20
Flat Striped. Green and white stripes	.10	.25
Japanese Nest Egg. Practical nest eggs	.10	.30
Orange. The well known Mock Orange	.10	.30
Ornamental Pomegranate or Queen's Sweet Pocket Melon. Fruit deliciously perfumed and may be carried in the pocket or laid among linens	.10	.40
Pear Bicolor. Two-colored	.10	.30
Pear-Shaped. Striped yellow and green	.10	.30
Spoon. Small ball-shaped fruit with slender necks, deep orange. By slicing off a side a satisfactory spoon is made lb., $3.20	.10	.30
Turk's Turban. Small red	.10	.30
Turk's Turban. Small red and green	.10	.30
Small Fruited Varieties Mixed lb., 2.40	.10	.25

LARGE FRUITED

Acorn. Large ornamental yellow	.10	.20
Bird's Nest	.10	.20
Bishop's Mitre. Three colored, shaped like Bishop's Crown	.10	.30
Bottle. Large. The original Thermos bottle. Makes fine bird houses	.10	.20
Calabash or Pipe Gourd. Odd-shaped fruit which is used in making pipes	.10	.20
Dipper. Fruit makes an excellent dipper and may be used for bird's nests	.10	.25
Dishcloth or Towel. Luffa Acutangula known as Singkwa. The fruit is eaten when young, being cooked like squash. Many women prefer a dishcloth made of this Gourd as it is sweet and clean as long as it lasts lb., $2.20	.10	.20
Hercules' Club. Fruit grows 3 to 4 ft. long	.10	.25
Sugar Trough. Thick shells, very durable	.10	.30
Turk's Turban. Odd brightly colored fruit	.10	.30
Warted Sorts Mixed	.10	.30
Large-Fruited Sorts. Mixed	.10	.20

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses, and utensils, are included in this mixture. lb., $3.00; oz., 30c; trade pkt., 10c.

GYPSOPHILA Elegans Grand. Alba. London Market Strain. Oz., 20c; ¼ lb., 50c; lb., $1.60; 5 lbs., $6.50.

Gypsophila

	Trade pkt.	Oz.
Grandiflora Alba. London Market Strain. Ours is the improved 8-9 overlapping petal strain. Pure white, not to be confused with the ordinary 4-5 petal type. ¼ lb., 50c; lb., $1.60; 5 lbs., $6.50	....	$0.20
Elegans Carminea. Deep rose. lb., 2.40	$0.10	.25
Crimson. lb., 2.40	.10	.25
Muralis. Dwarf, pink, 6 in.	.10	.40
See also Perennial pages.		
Grevillea Robusta (Silk Oak). lb., $8.00	.20	.80
Robusta Pyramidalis. Pyramidal habit. ¼ oz., 40c	.25	1.40
Helianthus. See Sunflower.		
Helichrysum Monstrosum Fl. Pl. (Strawflower).		
Silver Ball, Rose Queen, Violet Queen; Fireball, Salmon Queen, Canary-Yellow; Golden Ball, Silvery Pink, Crimson		
Each of the above. lb., $5.00	.15	.50
Vaughan's Special Mixture. lb., 5.00	.15	.50
Double Dwarf Mixed. 1½ ft.	.15	.60
Heliotrope. Dark Varieties. Mixed. ¼ oz., 40c	.20	1.20
Mammoth Flowered. Mixed. ¼ oz., 40c	.20	1.20
King of the Blacks. ¼ oz., 60c	.25	....
Madam Bruant. Violet-blue, white eye. ¼ oz., 50c	.25	1.60
Madam Lederle. Giant-flowered dark blue. ¼ oz., 50c	.25	1.80
White Lady. Pure white.	.25	....
Heliotropes will bloom from seed in four months.		
Helipterum Sandfordi. Chrome yellow, 12 in.	.15	.80
Honesty. See Lunaria Biennis.		
Hunnemannia Fumariaefolia (Bush Escholtzia). Does well in greenhouse; grow cool, 18 in.	.15	.50
Sunlite. Double bright canary colored flowers. Grey-green foliage, 2 ft. ¼ oz., 45c	.25	1.40
Ice Plant See Mesembryanthemum.		
Impatiens Holstii. Vermilion, very fine. 1/16 oz., $1.00; 1000 seeds,	.50	....
Holstii. New Hybrids, extra choice. 1/16 oz., $1.00; 1000 seeds,	.50	....
Liegnitzia. Deep vermilion-red, free-blooming, splendid for beds and pots; requires half shade. 500 seeds,	.35	
Sultani. Bright rose. 1/16 oz., $1.00; 1000 seeds,	.50	....
Hybrids. 1/16 oz., 1.00; 1000 seeds,	.50	....
Dwarf Scarlet. 1000 seeds,	.50	....
Dwarf Hybrids. 1000 seeds,	.50	....
These Impatiens will make splendid pot plants for Christmas and are useful for porch boxes, northern exposure.		

	Trade pkt.	Oz.
Ionopsidium Acaule (Diamond Flower). Pale lilac. ¼ oz., 70c	$0.25	$2.40
Ipomoea. Bona Nox (Evening Glory), large, blue. lb., $2.00	.10	.20
Giant Pink, Northern Light.	.10	.30
Imperialis Japanese Fancy Fringed, extra. lb., 2.40	.10	.25
Japanese Giant mixed.	.15	.50
Noctiflora (Moonflower). White seeded. lb., 3.20	.10	.30
Noctiflora. Black seeded. lb., 2.80	.10	.25
Clark's Early-Flowering Heavenly-Blue, a good seller. lb., $6.40	.15	.60
Improved Early flowering. HeavenlyBlue. lb., 6.40	.20	.60
Setosa (Brazilian Morning Glory), red.	.10	.30
Rochester. Light blue flowers with a broad silvery white edge.	.10	.40
Ipomopsis Elegans. Mixed. Very leafy, the divisions being needle-like, about one inch long. The flowers are 1½ inches long, trumpet-shape, borne along the side of the summit of the stem. The colors include vermilion, salmon, apricot, rich pinks and pure yellow. ¼ oz., 40c	.25	1.20
Coronopifolia Scarlet. Same as above except flowers are scarlet. ⅛ oz., 60c	.25	....
Isoloma Hirsutum Multiflorum Hybridum. The flowers are produced in abundance and in various colors and color combinations. Seed sown in January or February will bloom in June or July, and will continue to flower until winter.	1.00	.....
Kalanchoe Globulifera., Var. Coccinea. 12 Inches. Bright scarlet flowers. Very choice pot plant. 1500 seeds, 60c; 2 Trade pkts., $1.00	....	....
Kaulfussia Amelloides. Blue, 10 in. ¼ oz., 40c	.25	1.40
Kochia Childsii (Summer Cypress).	....	.15
Kudzu Vine. See Pueraria Thunbergiana in Perennial pages.		
Lantana Hybrida. Mixed. lb., $5.00	.15	.80
See also **Delphinium**—Perennial pages.		
Lathyrus Latifolius. See Perennial pages.		
Lavatera Rosea Splendens, 30 in.	.10	.30
Alba Splendens, 30 in.	.10	.30
Splendens Loveliness. (Sunset). Glowing rose pink flowers, bronze foliage.	.15	.40
Lavender Lace Flower, Didiscus coeruleus.	.15	.80
Lemon Verbena (Aloysia Citriodora). ¼ oz., 60c	.25	2.20
Leptosiphon. French Hybrids, 10 in.	.15	.60
Leptosyne Maritima. Yellow, 24 in.	.15	.60
Golden Rosette. A double form of Stillmanii with deep butter-yellow flowers. Very free flowering.	.50	....
Stillmanii. Golden yellow, fine for cutting, blooms six weeks after sowing, 18 in.	.15	.80
Leucocoeryne Ixioides (Glory of the Sun). Large, fragrant flowers, blue with white center, charming for cutting. ⅛ oz., $2.00	.75	14.00

Lobelia

	Trade pkt.	Oz.
Erinus Crystal Palace Compacta. 4 in. ¼ oz., 50c	$0.25	$1.80
Compacta Blue Gown. Clear deep blue, without eye, fine compact habit. ¼ oz., 70c	.25	2.60
Blue Stone Re-selected. Compact habit, large flowers, brilliant mid-blue. ¼ oz., 70c	.25	....
Mrs. Clibran. Deep blue, white eye. ¼ oz., 80c	.35	2.80
Speciosa. Dark flowers and foliage, 10 in.	.10	.80
Emperor William. Dwarf, gentian blue light foliage. 4 in. ¼ oz., 40c	.25	1.50
Pumila Splendens, Bedding Queen. Dark blue, white eye, dwarf, 4 in. ¼ oz., 60c	.25	2.00
Alba, Snowball. 4 in. ¼ oz., 50c	.25	1.80
Rosea Pink. 4 in.	.25	.....
Sutton's Cambridge Blue. Light blue with green foliage. ¼ oz., 85c	.35	....
Dwarf Sorts, Mixed. ¼ oz., 60c	.25	2.00
Speciosa Superba Compacta, Royal Purple. Dark blue, white eye, dark foliage. ¼ oz., 40c	.15	1.20
Prima Donna. Velvety maroon, 10 in.	.25	.....
Pendula, Hamburgia. Good for hanging baskets; sky-blue, white eye. ¼ oz., 45c	.25	1.40
Miranda, bright rosy purple, clear white eye. 10 in. ¼ oz., 90c	.25	....
Sapphire. For hanging baskets; large deep navy-blue with white eye. ¼ oz., 50c	.25	1.60
Tenuior. Fine gentian blue. 12-16 in. ¼ oz., 70c	.25	....

Annual Larkspur

For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or sow in the open as soon as ground is ready. To get satisfactory germination from Larkspurs in the hot summer, it is necessary to chill the seeds in an ice box for several days before sowing.

Larkspurs must be grown cool. For a greenhouse crop in May, sow in January or February.

GIANT IMPERIAL—4 ft.

This type is the most desirable for outdoor growing. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

		Trade pkt	Oz.
Blue Bell. Fine medium blue, deeper than sky blue, yet much lighter than lilac	lb., $10.00	$0.25	$1.00
Blue Cockade. New shade of rich lilac-blue	lb., 10.00	.25	1.00
Blue Spire. Dark blue	lb., 10.00	.25	1.00
Carmine King	lb., 10.00	.25	1.00
Coral King. Blush pink with suffusion of coral.	lb., $10.00	.25	1.00
Daintiness. Delicate lavender	lb., 10.00	.25	1.00
Dazzler. Rich scarlet	lb., 10.00	.25	1.00
Exquisite Pink Improved. Salmon-pink.	lb., 10.00	.25	1.00
Exquisite Rose	lb., 10.00	.25	1.00
Gloria Improved. Rich, deep rose-salmon.	lb., 10.00	.25	1.00
Lilac Spire. Beautiful lilac color	lb., 10.00	.25	1.00
Los Angeles. Salmony scarlet	lb., 10.00	.25	1.00
Miss California. Deep pink on salmon	lb., 10.00	.25	1.00
White King. Glistening pure white, rounded petals.	lb., $10.00	.25	1.00
White Spire. Pure white flowers	lb., 10.00	.25	1.00
Vaughan's Special Mixed, all colors	lb., 8.00	.20	.80

STOCK-FLOWERED—4 ft.

		Trade pkt.	Oz.
Dark Blue	lb., $5.00	$0.20	$0.50
Empress Rose. Hermosa pink	lb., 5.00	.20	.50
Lilac	lb., 5.00	.20	.50
Lilac Supreme. Deep lilac	lb., 5.00	.20	.50
La France. Salmon pink	lb., 5.00	.20	.50
Newport Pink	lb., 5.00	.20	.50
Rosamond. Pure rose which does not fade	lb., 6.00	.20	.60
Rose Queen, Deep rose pink without salmon shading.	lb., $6.00	.20	.60
Sky-Blue (Ageratum)	lb., 5.00	.20	.50
White	lb., 5.00	.20	.50
Vaughan's Special Mixed	lb., 4.00	.15	.40
Improved Giant Hyacinth-Flowered. 45 in.			
Dark Blue, Pink, White, Lilac. Each of the above	lb., 8.00	.25	.80
Mixed Improved Giant Hyacinth Fld.	lb., 5.00	.15	.50
Vaughan's Special Mixture Annual Larkspur	lb., 5.00	.15	.50

Leucanthemum. See Chrysanthemum Maximum in Perennials.

Lilium. See Perennial pages.

Linaria Maroccana Excelsior, mixed, 12 in	.10	.30
Fairy Bouquet. Compact growth, large flowers in many distinct colors. Blooms early. Flowers resemble miniature Snapdragons. 8 in. ¼ oz., 40c	.15	1.20
Linum Grandiflorum Rubrum. Large-flowered Scarlet Flax, 16 in	.10	.20
Coeruleum. Blue	.10	.20
Lisianthus Russellianus. Rare Gentianaceae, large deep purple flowers	.75	....
Lophospermum Scandens, Climbing Foxglove. Rose.	.25	....

Love-in-a Mist. See Nigella.

SURPRISE GARDEN MIXTURE

A Good Counter Item

This is a formula mixture of over 80 different annuals, growing from 12 inches to 3½ ft. high, is a splendid seller and we can recommend it highly. We buy for this mixture annual varieties which are attractive and easily grown, but many of them little known, and the result is a continual succession of happy surprises to the gardener. Pound, $1.60; oz., 15c.

Sells for 25c oz.; ¼ lb., 80c; lb., $3.00 at retail.

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

		Trade pkt.	Oz
Hartwegii. Dark Blue, Oxford-Blue. 24 in.	lb., $3.00	$0.10	$0.30
Light Blue. Cambridge-Blue	lb., 3.00	.10	.30
Albus	lb., 3.00	.10	.30
Mixed	lb., 2.00	.10	.20
Rose Queen. Rose pink	lb., 4.00	.15	.40
Hartwegii Giants or King Lupinus. This improved new giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.			
King Blue	lb., $5.00	.15	.50
King White	lb., 5.00	.15	.50
King Mixed		.15	.50
Luteus Romulus. Yellow, large, 12 in.	lb., 4.00	.15	.40
Sulphureus Superbus. Annual Yellow. Takes well on the Chicago market, 28 in.	lb., $4.00	.15	.40

The last 2 varieties are recommended to follow mums or early peas.

Marvel of Peru. See Four O'Clock.		
Matthiola Bicornis (Evening Scented Stock). 18 in.	.10	.20
Maurandia. Mixed. Good climber ⅛ oz., 50c	.25	....
Barclayana. Blue	.25	....
Mesembryanthemum Criniflorum (Livingstone Daisy). The plants, which are of slightly spreading habit, are literally covered with one inch flowers of the most delightful shades imaginable. ¼ oz., 70c	.25	2.40
Crystallinum (Ice Plant). Foliage glitters, being covered with ice-like globules, flowers small, pinkish white. For dry sandy spots. 6 in	.10	.40
Tricolor. Yellow outside, blood color inside of flowers, with brown anthers. 1 ft. ¼ oz., 40c	.10	1.20
Aurantiacum. A new, outstanding orange color, suitable for rock garden, pots and porch boxes. Prefers a sunny location. 100 seeds, 75c; 1000 seeds, $6.00	....	....

Mignonette

New York Market. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. ¼ oz., $1.60	.75	....
The Ball. Heavier spike and lighter in color than New York Market. ½ tr. pkt., 60c; ¼ oz., $1.80	1.00	6.00
True Machet, Vaughan's Selected Stock. ¼ oz., 25c	.15	.80
Giant Forcing. Greenhouse grown. A very choice strain. ⅛ oz., $1.50	1.00	....
Golden Queen. Yellow	.10	.40
Goliath. Red, fine	.15	.80
Golden Goliath. New immense golden yellow spikes	.15	.80
Vaughan's Giant Rocket	.15	.50
Mimosa Pudica (Sensitive Plant)	.15	.30
Mimulus Moschatus (Musk Plant) ⅛ oz., 60c	.35	....
Tigrinus. Mixed Single Monkey Flower. ¼ oz., 50c	.15	....
Large-Flowering. Single, mixed ¼ oz., 65c	.25	....
Red Emperor. Bright crimson scarlet	.25	....
Musa Ensete. Per 100 seeds, $2.30; 1,000 seeds, $20.00.		

Nemesia Strumosa Suttoni. Orange, 12 in. ¼ oz., 60c	.25	....
Strumosa Suttoni. Scarlet, 12 in. ¼ oz., 60c	.25	....
Blue ¼ oz., 60c	.25	....
Rose, 12 in. ¼ oz., 60c	.25	....
White ¼ oz., 75c	.25	....
Mixed ¼ oz., 50c	.25	1.80
Nana Compacta Aurora. Crimson and white, 8 in. ¼ oz., 60c	.25	....
Orange King. Orange, 8 in ¼ oz., 60c	.25	....
Fire King. Scarlet, 8 in ¼ oz., 60c	.25	....
Blue Gem. Blue, 8 in ¼ oz., 60c	.25	2.00
White Queen. Large flowered ¼ oz., 60c	.25	....
Triumph. Mixed ¼ oz., 50c	.25	1.80

These dwarf Nemesias are fine for pots.

MARIGOLD Harmony.

MARIGOLD Guinea Gold.

Marigold

MARIGOLD Yellow Supreme.

TALL AFRICAN DOUBLE IMBRICATED

	Trade pkt.	Oz.
Guinea Gold. Orange flushed gold, producing many medium sized flowers, 2½ ft. 4 oz., $4.00; ¼ oz., 40c	$0.25	$1.40
Golden Beauty. Soft golden yellow, petals semi-quilled, very double, 3 ft. ¼ oz., 30c	.20	1.00
Yellow Supreme. Broad, loose-frilled petals, rich creamy yellow, honey fragrance, 2 ft. 4 oz., $4.00	.25	1.25

TALL AFRICAN DOUBLE FISTULOSA, 3 Ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

All Double Lemon (Originator's stock) ¼ oz., 50c; 4 oz., $5.00	.25	1.50
All Double Orange (Originator's stock) ¼ oz., 50c; 4 oz., 5.00	.25	1.50
All Double Mixed (Originator's stock) ¼ oz., 40c; 4 oz., 4.00	.25	1.30
Golden Emblem. Rich gold shade midway between Orange Prince and Lemon Queen ¼ oz., 40c	.25	1.40
Orange Prince. This is the variety of flowers which are shipped in large quantities from California. It brings about 70% double flowers, of wonderful substance and the stems are more wiry than those of other strains ¼ oz., 50c	.25	1.60

OTHER TALL VARIETIES

California Giants Mixed. This is an enormous flowering type, height 4 to 5 feet. The color ranges from a lemon to a bright orange with many shadings in between, the flowers are all 4 to 6 inches across. Most of the blossoms have flat broad petals, but some come quilled like the dwarf Mexican type. ¼ oz., 50c	.25	1.80
Carnation Flowered Lemon Gem ¼ oz., 50c	.25	1.80
Carnation Flowered Golden Eagle. In color between Guinea Gold and Yellow Supreme, which it resembles in height and habit of plant. A most desirable variety for outdoor cutting ¼ oz., 60c	.25	2.00
Chrysanthemum Flowered Hybrids. A mixture of many types, in shades of orange, yellow and primrose. ¼ oz., 50c	.30	1.80
Chrysanthemum Flowered Incurved, mixed. ¼ oz., 80c	.35	2.80
Collarette Crown of Gold (new), orange, 2½ inch flowers, crested center, broad guard petals, odorless foliage ¼ oz., 30c	.20	1.00
Sunset Giants. Huge flowers with a color range through orange-yellow and primrose ¼ oz., 50c	.35	1.80
Vaughan's Special Mixture Tall African Double Mixed. ¼ oz., 30c	.20	1.00

DOUBLE TALL FRENCH, 2½ Ft.

Aurea Plena. Double golden yellow	.10	.40
Mrs. Lippincott. Quite a departure from the "Ball Type" Marigold, petals are folded for more than half their length and flare out broadly at the ends, giving a pretty frilled effect. Plants grow 3 ft. tall, well branched and covered with attractive rich creamy yellow flowers 2½ in. across ¼ oz., 70c	.25	2.25
Ranunculiflora Plena. Dark brown	.10	.40

DOUBLE TALL FRENCH—Continued

	Trade pkt.	Oz.
Royal Scot. Gold striped maroon ¼ oz., 40c	$0.20	$1.20
Sulphurea Plena. Lemon	.10	.40
Vaughan's Special Mixture Double Tall French	.10	.40

SINGLE TALL FRENCH

Australian Tree. 4½ ft. Brownish yellow. Latest for winter blooming	.25	1.00
Lieb's Winter-Flowering. Mahogany brown with golden yellow-crested center, 4½ ft. ¼ oz., $1.20	.50	....
Lieb's Winter Flowering Sunshine, new. Golden orange, yellow center	.50	....
Josephine. Single dark brown with edging of old gold and a glint of crimson	.10	.40

DOUBLE DWARF FRENCH, 1 Ft.

All Double Striped ¼ oz., 50c	.25	1.40
Dark Brown	.10	.50
Electric Light. Double form of Legion of Honor	.10	.40
Golden Ball. Monarch strain, extra large flowers, very dwarf and double	.15	.60
Golden Yellow with bronze margin	.15	.50
Lemon Ball. Yellow	.15	.50
Robert Beist. Dark maroon	.15	.50
Gold Striped	.10	.50
Yellow, Spotted Brown	.15	.50
Monarch Strain Mixed. Symmetrical, compact habit, comprising a wide range of fine colors, including orange brown and mahogany	.15	.60
Monarch Strain Gold Ball	.15	.60
Harmony. Flowers are a bright golden-yellow with a rich maroon-red border. The plants being about 12 inches high, and very bushy habit, form excellent material for bedding and pots, and the flowers can be utilized for cutting ¼ oz., 35c	.20	1.00

DOUBLE DWARF AFRICAN

Golden Queen. Plants form pyramids of bloom. Flowers 3 in. across with flattish petals ¼ oz., 25c	.15	.80
Tom Thumb Golden Crown. This is a dwarf form of the well known Guinea Gold. Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange and of the same elegant shape and firm substance are produced in great abundance ¼ oz., 60c	.35	2.00
Queen, Mixed. Large flowering dwarf African	.20	1.00

LILLIPUT DOUBLE DWARF, 8 in.

Brown, Golden Yellow, Sulphur Yellow, Yellow and Brown Each,	.15	.80
Mixed	.10	.60

SINGLE DWARF FRENCH, 1 Ft.

Diadem. Mahogany red, edged gold	.10	.30
Fire Cross. Saffron orange with a brown-red center	.10	.30
Legion of Honor (Little Brownie)	.10	.30
Mixed, Many Colors, single dwarf, French	.10	.30

MEXICAN MARIGOLD. For Pots and Edging.

Gnome. This is a selection of the Signata Pumila type. Plants grow only 4 to 6 in. high with a spread of 8 to 10 inches; the slender fern-like foliage is fairly covered with dainty golden-orange flowers. ¼ oz., 30c	.15	1.00

NASTURTIUM DOUBLE

Nasturtium

Double Fragrant Varieties

	Oz.	¼ lb.	Lb.
Tall Golden Gleam. Semi-double, yellow	$0.10	$0.30	$1.00
Orange Gleam. Orange	.15	.30	....
Salmon Gleam. Golden salmon	.15	.30	....
Scarlet Gleam. Bright orange-scarlet, fragrant.	.15	.40	1.20
Supreme. Salmon-cerise	.15	.30	....
Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers	.15	.30	1.00
Dwarf Golden Globe. Dwarf type of Golden Gleam	.15	.50	1.60
Globe of Fire. Scarlet	.20	.60	2.00
Gem Mixed	.20	.50	1.80

DWARF SORTS—Tropaeolum Tom Thumb

Any of the following, oz., 10c, except where noted.

	¼ lb.	Lb.
Empress of India. Deep crimson, dark-leaved	$0.25	$0.80
Golden King. Rich color	.25	.80
King Theodore. Rich red, dark bluish foliage	.25	.80
Vaughan's Special Dwarf Mixture, contains a percentage of double flowers 5 lbs., $4.00	.30	1.00
Dwarf Nasturtiums. Mixed, all colors 5 lbs., 2.00	...	.60

TALL SORTS—Tropaeolum Majus

Vaughan's Special Tall Mixture. Our mixture contains a liberal amount of Gleam Hybrids oz., 15c	.40	1.20
Tall Sorts in Finest Mixture 10 lbs., $4.00	.15	.50

	Trade pkt.	Oz.
Nicotiana Affinis. White, sweet-scented, 32 in.	$0.10	$0.40
Affinis Hybrids. Mixed colors, 32 in.	.10	.40
Crimson Bedder. Rich deep crimson ¼ oz., 50c	.25	1.80
Sanderae. Crimson King. 30 in.	.10	.40
Hybrids. Mixed, 30 in.	.10	.40
Suaveolens (Orange blossom). An elegant, small-flowered pure white species, delightfully scented, which makes a fine pot plant	.50	....
Sylvestris. Very beautiful, sweet, pure white, 5 ft.	.10	.50
Nierembergia Gracilis. Light blue, 16 in. ⅛ oz., 60c	.25	....
Frutescens ⅛ oz., 50c	.25	....
Hippomanica. Grows not more than 4 to 6 inches high, forms a cushion of elegant light green foliage from which emerge corymbs of salver shaped flowers of a delicate lavender hue, 1 to 1¼ inches across, adorned with a clear yellow eye	.50	....
Nigella Damascena, Miss Jekyll. Double blue, 18 in.	.10	.15
Damascena. Dark blue	.10	.15
White	.10	.20
Nycterinia Capensis. White sweet scented. 1 ft.	.15	1.20

Ornamental Grasses

	Trade pkt.	Oz.
Agrostis Nebulosa. Cloud grass. A low grass with extremely delicate feathery panicles	$0.15	$0.80
Briza Maxima. Quaking Grass. Graceful panicles which tremble in the slightest breeze. 12 to 18 inches	.10	.30
Coix Lachrymae. Corn Beads, Job's Tears lb., $1.00	....	.10
Eragrostis Elegans. Feather Love Grass. 1 to 2 ft.	.10	.40
Lagurus Ovatus. Hare's-tail Grass, 1 ft.	.10	.40
Pennisetum Longistylum. Has a broad spike 2 to 4 inches long and feathery, white plumes used to border canna beds	.15	.50
Rueppelianum. The purple spikes are longer and more graceful than preceding variety	.15	.60
Tricholaena Rosea. Cultivated for the ornamental inflorescence which is used in winter bouquets	.10	.40
Ornamental Grasses. Mixed	.10	.40
Oxalis Tropaeoloides. Yellow, brown foliage, 3 in. ¼ oz., 60c	.25	....
Rosea. Very fine, 6 in.	.50	....
Valdiviana (Golden Cloth). Yellow, sweet. 6 in.	.25	....

Papaver—Poppy

	Trade pkt.	Oz.
American Legion. Orange-scarlet flowers; are remarkable keepers	$0.10	$0.30
Barr's Tall Double Salmon Shades. Irresistible	.15	.50
Cardinal Type Dwarf. Double fringed selection from Carnation Fld. Chamois, Scarlet, Blush Pink, Salmon Rose, White and Mixed. Each of above	.15	.50
Paeoniflorum fl. pl. Mixed lb., $1.20	....	.15
Salmon pink, Red, White and Bright Rose lb., 2.80	.10	.30
Rhoeas Shirley. Shades of pink and rose mixed, lb., 3.00	.10	.30
Blue Shirley	.15	.50
Salmon Shades	.15	.50
Wild Rose Shirley	.15	.50
Flanders Field. English Field. Scarlet lb., 2.40	.10	.25
Begonia Flowered Mixed. The flowers resemble the double tuberous rooted begonias in form. Contains an assortment of lovely light shades	.15	.50
Sweet Briar. A delightful shade of deep rose pink. The blossoms are full double, resembling a very large double begonia	.15	.50
Somniferum fl. pl. Double Carnation-flowered. Mixed lb., $1.20	....	.15
Vaughan's Special Mixture. Single lb., 3.40	.10	.35
Vaughan's Special Mixture. Double lb., 3.40	.10	.35
Vaughan's Special Mixture. Double and Single lb., 3.40	.10	.35

For Oriental and Nudicaule Poppies, see Perennial pages.

Passiflora Grandiflora (Passion Flower). Blue. ¼ oz., 40c	.20	1.20
Pennisetum Rueppelianum (Purple Feather Grass), 36 in.	.15	.60
Longistylum, 18 in.	.15	.50

Pentstemon

	Trade pkt.	Oz.
Sensation. The most brilliant and varied colors, many of which are beautifully edged with a fine contrasting color. 2 ft. ¼ oz., 80c	$0.35	$2.80
Red Shades. 2 ft. ¼ oz., $1.00	.35	
Pink Shades ¼ oz., 1.00	.35	....
Violet Shades ¼ oz., 1.00	.35	....
Miniature Hybrids. 2½ to 3 ft. Graceful sprays covered with miniature flowers in a wide color range ¼ oz., $1.00	.35	....
Southgate Gem. Crimson-scarlet. Splendid for pots and bedding out, 2 ft. ¼ oz., $1.40	.35	....
Perilla Nankinensis. Valuable foliage plant resembling Coleus; dark mulberry-colored leaves, does well in cities, smoke and gas do not affect it. Used largely in Chicago Parks and in St. Mary's of the Lake Seminary, Mundelein, Ill.	.10	.30
Phacelia Campanularia. Gentian blue, white anthers, 6 in.	.15	.60

Pheasant's Eye Pink. See Dianthus Plumarius in Perennial pages.

Vaughan's Giant Pansies

PANSY Super Maple Leaf, Actual Size. Trade pkt., 75c.

For Swiss, Maple Leaf, Vaughan's International and Vaughan's Giant Mixtures
See Inside Front Cover with Illustration in Color, Description and Prices.

Giant Pansies

SEPARATE SORTS

	Trade pkt.	¼ oz.	Oz.
Adonis. Light blue, white center	$0.25	$0.40	$1.40
Apollo. Bronze	.25	.50	1.60
Beaconsfield. Deep purple, upper petals white	.25	.40	1.40
Black. Large flowered, true black	.25	.50	1.40
Blue Boy (Early Flowering). This variety shows a clear, pure, silvery lilac, a very dainty and attractive color. The plants grow very compact and have a robust foliage. The single blooms are of noble form—2¾ to 3½ in. in diameter	.25	.40	1.40
Bugnot. Shades of red, bronze and cardinal	.25	.70	2.40
Rembrandt. Compact habit of plant, long stemmed, five blotched, vivid bronze-orange of the Bugnot type	.50	1.20	4.20
Cardinal. Brilliant red	.25	.60	2.00
Coronation Gold. Flowers canary yellow with lower petals flushed golden orange, round flowers as much as 3 in. across, with slightly ruffled edges, mild spicy scent. Some flowers show rays and ligher yellow flowers. Award of Merit All American 1938....⅛ oz., $1.50	1.00	....	10.00
Delft Blue. An attractive shade....⅛ oz., 90c	.50	1.65	6.00
Emperor William. Dark navy-blue	.25	.40	1.40
Fanal. Brilliant scarlet without an eye.....⅛ oz., $1.00	.35	....	....
Golden Queen, without blotches	.25	.40	1.40
Madame Perret. Shades of pink and rose	.25	.40	1.40
Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades	.25	.60	2.20
President McKinley. Golden yellow, five spotted	.25	.60	2.20
Prince Henry. Darkest blue	.25	.40	1.40
Purple. Very large, rich deep purple	.25	.40	1.40
St. Knud. Giant orange flowers	.25	.70	2.40
White. With dark eye, very large	.25	.40	1.40
White. Pure, without blotches	.25	.40	1.40
Yellow. With dark eye	.25	.40	1.40

GIANT MIXTURES

America, Special Florist Strain. Good substance with wide color range. Free flowering. Trade pkt., 50c; ¼ oz., $1.60; oz., $6.00; 4 oz., $20.00; lb., $70.00.

Boulogne Giant Mixture. The flowers are large size, great substance. Trade pkt., $1.00; ¼ oz., $2.60; ⅛ oz., $1.40.

Don's Winter Flowering. Remarkably floriferous. Trade pkt., $2.00.

Donovan's Strain. Used by Michigan growers. Trade pkt., 50c; ¼ oz., $1.40; oz , $5.00; lb., $60.00.

Engelmann's Special Mixture. Scottish show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., 50c; ⅛ oz., $1.20; ¼ oz., $2.25; oz., $8.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 50c; ⅛ oz., $1.20; ¼ oz., $2.25; oz., $8.00.

Early-Flowering Giant, Mixed. These come into bloom 4 to 5 weeks before other varieties planted at same time. Trade pkt., 15c; ¼ oz., 30c; oz., $1.00; lb., $12.00.

Giant Art Shades. A lovely type, including only pretty tints and combinations of cream, primrose, pale mauve and other delicate shades, the well-formed flowers being exquisitely frilled. These delicate shades should not be mixed with stronger colors. The growth is very robust, with dark green heavy leaves. Trade pkt., 50c; ⅛ oz., $1.50; oz., $8.00.

Jumbo Mixed. Extra large and early. 1/16 oz., $1.00; ⅛ oz., $1.75; ¼ oz., $3.25; ½ oz., $6.25; oz., $12.00.

Paris Market Mixture. Trade pkt., 25c; ¼ oz., 40c; oz., $1.40; lb., $16.00.

Trimardeau Mixed. Many colors. Trade pkt., 15c; ¼ oz., 30c; oz., $1.00; lb., $12.00.

Triumph of the Giants. A mixture of brilliant colored varieties made by a European grower. Trade pkt., 35c; ¼ oz., 85c; oz., $3.00.

Tufted Pansies Mixed. Trade pkt., 25c; ¼ oz., 50c; oz., $1.80.

BABY DELIGHT MIXED

Few small-flowered pansies are more lovely than this baby type. In height it does not exceed 4 inches, with compact bushy growth like that of the Viola Cornuta Mixed colors. Valuable for border or rockery. Trade pkt., 50c; ⅛ oz., 80c.

See Perennial pages for Viola Cornuta or "Horned Violet". These may be treated as annuals and are extremely useful for edgings or small beds. They delight in the sun and bloom continuously all summer.

How to Sow Pansy Seeds. Sow the seeds in a cold frame in light soil without any fertilizer. Cover the seeds very lightly with the same soil and keep moist. Shade the seed bed with cheesecloth or a muslin screen, and as soon as all the plants are up remove the screen. Or you may sow them in a large pot or seed pan.

To be sure of fine, strong Pansy plants, we suggest the following, applying as a top-dressing by the end of March or early April:

2 parts dried blood 2 parts steamed bone meal 1 part potash

Plumbago Capensis. Light blue, charming climber. .....100 seeds, 60c; 1000 seeds, $5.00.

Portulaca

		Tr. pkg.	Oz.
Single large-flowering sorts, mixed	lb., $4.20	$0.10	$0.40
White, Yellow, Scarlet and Pink, each		.15	.80
Parana. Large-flowering, rosy carmine		.15	.60
Double sorts, finest mixed	¼ oz., 60c	.25	2.00
White, Pink, Scarlet, Yellow, Salmon, each	¼ oz., 70c	.25	2.40

VAUGHAN'S DWARF CALIFORNIA GIANTS.

PETUNIA WHITE QUEEN.

PETUNIA

In our trial Grounds we tested 94 different Petunia strains so we know in advance the quality of the seed we send you.

RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

	Trade pkt.	Oz.
White. With yellow throat (Evening Star)..... 1/64 oz., $1.00	$0.50	....
Camilla. A beautiful, rose-pink color; rich crimson veining forms a wide halo toward the center..... 1/32 oz., $1.80	.50	....
Copper-Red. Dark-throated..... 1/32 oz., 1.80	.50	....
Copper Scarlet (Ruhm von Rieder). New. An outstanding variety in our trial ground last year. Ruffled giant analin red flowers with large tigered throat. ..... 1/64 oz., $1.50	.50	....
German Empress. Lilac veined purple..1/32 oz., 1.80	.50	....
King Alphonso. Dark crimson, black throated..... 1/64 oz., 1.00	.50	....
Princess of Wuerttemberg. Rose..... 1/64 oz., 1.00	.50	....
Prince of Wuerttemburg. Rich dark red with dark throat..... 1/64 oz., $1.00	.50	....
Quaker Lady. Lavender..... 1/64 oz., 1.20	.50	....
Salmon Beauty. Fringed. A unique color, much admired by women..... 1/64 oz., $1.20	.50	....
Silver Rose. Silvery rose, large veined throat.....	.50	....
Supreme Florist strain of Giants of California. A strain of rose and pink shades with large ruffled, shallow, open throated flowers freely produced on strong growing plants. Blooms in less than 4 months from seed..... 1/32 oz., $2.40; 1/8 oz., $9.00	1.00	....
Ruffled Monsters in mixture. 1/8 oz., $5.40; 1/32 oz., 1.60	.50	....

DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend)

This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. This "Vaughan Blend" is a mixture of seeds from two of Europe's best Petunia growers, whose cultures we have inspected many times. Trade pkt., $1.25; 1/64 oz., $2.25; 1/32 oz., $4.00; 1/16 oz., $7.00.

	Trade pkt.	Oz.
Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered. 1/64 oz., $1.00; 1/16 oz., $2.50; 1/32 oz., $1.50	$0.50	....
Dwarf California Giants. Dark Selection. This is a favorite with many growers and it has given universal satisfaction..... 1/32 oz., $3.20; 1/8 oz., $10.00	1.00	....
Dwarf California Giants, Ramona strain Improved. A dwarf sturdy growing type, especially suited to pot culture. The flowers are extra large, beautifully ruffled and color range is from light to dark..... 1/64 oz., $1.75; 1/32 oz., $3.00; 1/16 oz., $5.50	1.00	....

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Colorado Pink. Dwarf, fringed, rose pink. Makes a fine pot plant. In bloom all Summer. 18 inches...	.75	....
Columbia (New). Pleasingly attractive pink and white. Upright habit, for border work and cut. 1/64 oz., $1.50	.50	....
Dainty Lady. Delicate golden yellow. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed light golden-yellow flowers throughout the summer..... 1/32 oz., $3.00	1.00	....
Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. Flowers are 3½ in. in diameter and the plants very free blooming..... 1/32 oz., $1.80	.75	....
Pride of Portland. Rose pink..... 1/32 oz., 1.20	.50	....
Rapture. Orchid rose, deep rose veins, golden throat. ..... 1/32 oz., $1.40	.50	....
Royal Beauty (Marine). The most beautiful of all blue Petunias..... 1/64 oz., $1.30; 1/32 oz., $2.00	.50	....
Scarlet Beauty. The brightest scarlet of the family. Good sized, well fringed beautiful flower.....	.50	....
Theodosia. Large flowered, fringed, rosy pink with a clearly defined, golden throat..... 1/64 oz., $1.20; 1/32 oz., $2.00	.50	....
Triumph Pink..... 1/32 oz., 1.00	.50	....
White Beauty. White fringed..... 1/32 oz., 1.20	.50	....
Vaughan's Special Mixture Large Flowering. Fringed... 1/8 oz., $4.00; 1/32 oz., $1.50; 1/16 oz., $2.50	.75	....

Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias, both fringed and plain-edged, and will give the most satisfactory results. Trade pkt., 50c; 1/32 oz., $1.50; 1/16 oz., $2.80; oz., $40.00.

PETUNIA ALL-DOUBLE TYPE

Petunias—Continued

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

	Trade pkt.	Oz.
Atropurpurea. Fine blood-red.....1/32 oz., $1.20	$0.50	....
Burgundy. Large-flowered, 3½-inch blooms, shades of purple or carmine with white throat and tube with violet veins.....1/32 oz., $1.20	.50	....
Dwarf Pink Glory. Compact habit, pure flame rose pink.....1/32 oz., $1.20	.50	....
Giant Pink Glory. Larger and somewhat taller than the above.....1/32 oz., $1.00	.50	....
Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected"...1/64 oz., $1.00; 1/32 oz., $1.80	.50	....
Purple Robe (Silver Seam). Silver edge blue black. A deep velvety violet, enhanced by a fine silver line, usually appearing at the edge of the flower. The best plain edged Royal Purple.....1/64 oz., $1.20	.50	....
Queen of the Market. Deep carmine red with a scarlet hue. Flowers fine shape and slightly waved. The nearest to a scarlet Petunia.....1/64 oz., $1.00	.50	....
White Queen. An extra fine, extra large, pure white which will eventually replace other whites now in favor.....1/64 oz., $1.75	.75	....

LARGE-FLOWERING DWARF (Erfurt strain)

	Trade pkt.	Oz.
Gaiety. Plants are bushy, 8 to 12 in. high, and are covered with large, daintily fringed rose and white blooms.....1/64 oz., $1.00; 1/32 oz., $1.80	$0.50	....
Gottfried Michaelis. Dwarf, 12 in. daintily fringed, bright amaranth red with dark throat.1/32 oz., $1.20	.50	....
Lace Veil. 12 in. White flowers 2½ in. across..... .....1/64 oz., $1.20; 1/32 oz., $2.00	.50	....
Setting Sun. 12 in. Compact bushes, brilliant rose pink. The very best of its color.1/64 oz., $1.20; 1/32 oz., $2.00	.50	....
White Cloud. 12 in. A great favorite on account of its dwarf compact habit..1/32 oz., $1.20; 1/16 oz., $2.20	.50	$30.00
Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvellous. We think this is one of the best large-flowered single white.....1/32 oz., $2.00	1.00	....
Dwarf Grandiflora Ruffled Mixed. This is fine for combinations.....1/32 oz., $1.60	.50	....

PETUNIAS—Continued

BALCONY PETUNIAS

	Trade pkt.	Oz.
Balcony Queen (Blue Star). Blue and white..... .....1/16 oz., $1.50	$0.50	....
Blue. A splendid strain...1/4 oz., $1.50; 1/8 oz., 80c	.35	....
Red.....	.35	....
Cornflower Blue. (Blue Wonder.) Several shades lighter than the regular Balcony Blue. 1/8 oz., 75c	.35	....
Copper Rose. A beautiful warm color, free bloomer. .....1/8 oz., $1.00	.35	....
Netted Gem. Color steel blue beautifully netted or veined with deep violet.....1/8 oz., 75c	.35	....
Red. Dark red.....1/4 oz., 75c	.25	$2.60
Rose.....1/4 oz., 80c	.25	2.80
Star of California. Violet shaded crimson, white blotches.....1/4 oz., 85c	.35	....
White.....1/4 oz., 80c	.25	2.80
Balcony Mixed, the above.....1/4 oz., 80c	.25	2.80

BALCONY BLACK PRINCE. A wonderful bedding variety, color of deep rich velvety red. Free bloomer. Similar to Flaming Velvet, but richer in color and approximately 100 per cent true. Trade pkt., 35c; 1/16 oz., 60c; 1/8 oz., $1.00.

Double Petunias

ALL-DOUBLE VARIETIES

	Trade pkt.	Oz.
All-Double Amaranth Red. 500 seeds, $1.25; 1000 .....seeds, $2.00; 3000 seeds, $5.00	....	....
All-Double Purple. 500 seeds, $1.25; 1000 seeds, $2.00; .....3000 seeds, $5.00	....	....
All-Double Dwarf Carmine Glory. Brilliant carmine flowers. (Mammoth Peony-flowered.) 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00; 1/128 oz., $3.50.	....	....
All-Double Dwarf Giant Fringed Loveliness. Clear pink. Very double compact habit. 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00; 1/128 oz., $3.50	....	....
All Double Orchid Beauty. Dwarf Giant Fringed variety, averaging about 4 in. across on sturdy plants a foot tall. Color orchid or light lilac, heavily veined deeper lilac or violet. Contains semi-doubles but mostly fully double. Appears like a Japanese Iris when first opening. Award of Merit All America 1937.....300 seeds, $1.25; 600 seeds, $2.00	....	....
All-Double Dwarf White Glory. Pure white. (Mammoth Peony-flowered.) 500 seeds, $1.25; 1000 seeds, ...$2.00	....	....
All-Double Gaiety. (Award of Merit by All-America 1938.) Rose-red and white with beautifully frilled petals. Flowers three and one-half inches across. 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00	....	....
All-Double Dwarf Rose-Carmine (World Beauty). Fringed bright carmine flowers. 3000 seeds, $5.00; 500 seeds, $1.25; 1000 seeds, $2.00; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $11.50; 1/16 oz., $20.00.	....	....
All-Double Dwarf Giant Fringed Mixed (Victorious). The flowers are very large, exquisitely ruffled and fringed and contain a good range of brilliant colors. 500 seeds, $1.00; 1000 seeds, $2.00; 3000 seeds, $5.00; 1/64 oz., $6.00; 1/128 oz., $3.50; 1/32 oz., $11.50; 1/16 oz., $20.00.	....	....

DOUBLE LARGE-FLOWERING

	Trade pkt.	Oz.
Giant Double Fringed Rose Queen. A glorious shade of bright rose-pink, with immense fringed flowers, five to six inches in diameter..500 seeds, 85c; 1000, seeds	$1.50	....
Giant Double Fringed Rose-Pink and White. Bright rose-pink flowers with a large white frill, giving the flowers the appearance of being huge balls of pink and white lace.....500 seeds, 85c; 1000 seeds	1.50	....
Double Crimson.....500 seeds, 85c; 1000 seeds, $1.50,	....	....
Double Fringed White, Lady of the Lake. 1/64 oz., 2.50; .....500 seeds, 60c; 1000 seeds,	1.00	....
Double Rose and White....500 seeds, 85c; 1000 seeds,	1.50	....
Double Shepherd's Pride. Flowers large, very double, fringed and of an alluring shade of salmon or shrimp-pink.....500 seeds 60c; 1000 seeds, $1.00	....	....
Vaughan's Special Mixture. Double extra choice, 500 seeds, 70c; 1000 seeds, $1.25.....1/64 oz., $4.00	....	....

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.

PETUNIA ROSY MORN IMPROVED

Double Petunia—Continued

SMALL FLOWERING DOUBLE

From 40 to 50% of double flowers can be expected of the following.

Inimitable. Blotched and striped. 1/64 oz., $1.40 ..... 1000 seeds, $1.00 ....

Rosy Morn. A beautiful double pink..... ..... 1/64 oz., $1.40; 5000 seeds, $4.00; 1000 seeds, 1.00 ....

Snowball. Double Lilliput White..... 1/64 oz., $1.60 ..... 1000 seeds, 1.00 ....

PLEASE NOTE:

Highly bred double petunia seed is not as vigorous in growth as is that of single strains. To some extent this lack of vigor extends to the seed. Seed of our all double strains has been carefully tested in soil, and, if carefully handled, we know it will germinate 60-70%. For this reason and because of its high cost we cannot entertain claims of non-germination of this seed. If handled with due care, we know it will grow.

SINGLE SMALL-FLOWERED SORTS

		Trade pkt.	Oz.
Blue King. Like Violacea in habit but several shades lighter	1/4 oz., 40c	$0.25	$1.40
Flaming Velvet. Rich brilliant velvety blood-red or crimson flowered	1/4 oz., $1.40	.50	5.00
General Dodds. Blood-red	1/4 oz., 50c	.25	1.40
Howard's Star. Improved; re-selected	1/4 oz., 90c	.35	3.00
Norma. Violet blue with white star	1/4 oz., 40c	.25	1.40
Sutton's Blue Bedder	1/4 oz., 50c	.25	1.80
Topaz Rose. Special Mention in All America Selections 1937. This is a brilliant addition to the hybrida group. The color is a fiery velvety rose of a brilliancy seldom seen. It is slightly suffused with gold, which gives it its fiery appearance, and the throat is the color of topaz	1/4 oz., $1.00	.35	3.75
Violacea. Violet	1/4 oz., 40c	.25	1.40
De Luxe Bedding Mixture	1/4 oz., 50c	.25	1.80

SINGLE SMALL-FLOWERED DWARF SORTS

		Trade pkt.	Oz.
Admiral. Re-selected. This is by far the best of the dwarf blue petunias. The flowers are of good size, have wavy edges and are of clear blue. Our seed is from the originators and will come 85 per cent true	1/32 oz., $1.75	$0.75	....
Alderman. Dark violet	1/4 oz., 60c	.25	$2.00
Blue Bird. Deep violet, extra fine	1/4 oz., 70c	.35	2.40
Celestial Rose. This variety is a great improvement on Rose of Heaven, being more compact in growth and deeper in color. A beautiful rich satiny rose. An outstanding variety in our trial ground last summer	2 oz., $7.00; 1/4 oz., $1.25 1/8 oz., 75c;	.35	4.00
Cockatoo. The flowers are a velvety deep violet-purple with irregular sized white spots and stars. 8 in.	1/4 oz., $1.20	.35	....

SINGLE SMALL-FLOWERED DWARF SORTS—Cont.

		Tr. pkt.	Oz.
Dwarf Inimitable. Blotched and striped	1/4 oz., 40c	$0.25	$1.40
Dwarf Rose Gem. Deep rose	1/8 oz., $1.00	.40	....
Dwarf Brilliant Rose Gem	1/8 oz., 2.00	.50	....
Heavenly Blue. Reselected	1/4 oz., $1.50; 1/8 oz., 90c	.50	4.80
Dwarf Howard's Star. This is at least two inches dwarfer than the regular type of Howard's Star, bushy and compact habit. Flowers rayed with bright reddish purple. It is redder than ordinary Howard's Star and is uniform in color and in habit of growth	1/4 oz., 90c	.35	3.00
Dwarf Rose of Heaven. No. 22. Extra dwarf selection	1/4 oz., $1.00	.50	3.60
Martha Washington. Flowers frilled and ruffled, 3 inches in diameter. Blush pink veined rich wine red, deepening at throat, which is a dark violet. 9 in.	1/16 oz., $1.20	.50	....
King Henry (Dwarf General Dodds). Low growth, large blooms of a velvety rich blood red color. Very free flowering, a valuable addition to the dwarf sorts	1/16 oz. $2.75	1.00	....
Periwinkle. A delightful shade of pastel blue, resembling the perennial Vinca	1/4 oz., 70c	.25	2.40
Rose King Improved. Deep clear rose pink.	1/4 oz., 60c	.25	2.20
Rose Queen Improved. New, intense brilliant rose.	1/8 oz., $1.00	.50	6.00
Rosy Morn. Select. Pink with white throat	1/4 oz., 70c	.35	2.40
Rosy Morn Improved. Very attractive color, bright, and comes very true, slightly deeper in shade than the original	1/8 oz., $1.00	.50	....
Salmon Supreme. Award of Merit All America Selection 1938. It is a distinct new light salmon color. Flowers about 1½ inch across with white throat and plain petals. Plants grow about 12 in. and are continuous bloomers. Pkt., 30c; 3 pkts., 80c; 5 pkts., $1.30; 10 pkts., $2.50, net.		....	....
Senator. Purplish violet, white throat	1/4 oz., 80c	.35	2.80
Snow Queen. White, compact	1/4 oz., 50c	.25	1.60
Snowball. Dwarf white	1/4 oz., 50c	.25	1.60
Rose of Heaven. Select. Beautiful pink	1/4 oz., 50c	.25	1.80
Twinkles. Masses of small, brilliant rose flowers with well-defined pure white star. Very compact and free blooming	1/4 oz., 50c	.25	1.80
Vaughan's Special Dwarf Mixture. Small-flowering sorts	1/4 oz., 60c	.25	2.00

Petunia Inflata Salmon Rose. Small, salmon-rose flowers produced in such profusion as to completely hide the foliage. The plants are extremely long-branched and of quite spreading habit, ideal for ground covers, hanging baskets and porch boxes. ..... 1/4 oz., 50c .25 1.80

Phlox Drummondi Grandiflora

Alba. White.
Alba Oculata. White with dark eye.
Brilliant. Rose with dark eye.
Chamois Rose.
Carnea. Flesh.
Flaming Velvet. Deep velvety red.
Isabellina. Yellow.
Kermesina Splendens. Crimson.
Leopoldii. Pink with white eye.
Rosea. Pink.
Scarlet.
Stellata Splendens. Scarlet with white eye.
Violet. With white eye.
Violet Blue. 1/4 oz., 40c; oz., $1.20.

Each of above, except as noted otherwise, trade pkt., 20c; 1/4 oz., 30c; oz., $1.00.

		Trade pkt.	Oz.
Cinnabarina. Brilliant red	1/4 oz., 40c	$0.25	$1.40
Best large-flowering. Mixed, lb., $10.00; 1/4 oz., 25c		.15	.90
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others	1/4 oz., 40c	.25	1.40
Cuspidata Mixed (Star of Quedlinburg)	1/4 oz., 30c	.20	1.00
Gigantea Art Shades	1/4 oz., 50c	.25	1.40
Nana Compacta (Dwarf), 6 in. Apricot Yellow.	1/4 oz., 60c	.25	2.20
Chamois	1/4 oz., 70c	.25	2.60
Cinnabarina. Brilliant red	1/4 oz., 60c	.25	2.20
Delicata. Salmon-pink, carmine eye	1/4 oz., 80c	.35	....
Fireball	1/4 oz., 60c	.25	2.00
Flaming Velvet. Deep velvety red	1/4 oz., 60c	.25	2.20
Isabellina. Yellow	1/4 oz., 70c	.25	2.40
Mirabilis. Salmon-pink with white eye	1/4 oz., 70c	.25	2.40
Sky-Blue, with eye, fine for edging	1/4 oz., 70c	.25	2.40
Snowball	1/4 oz., 70c	.25	2.40
Violet	1/4 oz., 80c	.35	2.80
Violet with Eye	1/4 oz., 70c	.25	2.60
Mixed	1/4 oz., 60c	.25	2.00

Primula Obconica

		Trade pkt.	Oz.
Grandiflora Alba. White	1/64 oz., $1.20	$0.50	....
Appleblossom. Pink		.50	....
"Better Days." Deep carmine red. Very large flowering. The compact, well-branched growth is very symmetrical and the mass of flower heads show evenly above the dark green foliage, on strong stems	1/64 oz., $2.00	1.00	....
Coerulea. Blue. 12 in.	1/64 oz., 1.80	.50	....
Dark Blood Red	1/64 oz., 2.00	1.00	....
Fassbender Red. Flowers rich deep red of enormous size	1/64 oz., $1.80;	1.00	....
Lachsrosa (Friesdorf). A beautiful salmon-rose.	1/64 oz., $1.50	.50	....
Mueller's (Berlin) Rose,	1/16 oz., $5.00; 1/64 oz., 1.40	1.00	....
Mohnstein's Dark Red	1/64 oz., 1.80	1.00	....
Rose Queen. (Alsmeer rose). Pure rose, giant trusses of large flowers	1/64 oz., $1.80	.50	....
Mixed, many colors	1/32 oz., 1.20	.50	....
Gigantea Rosea. Fine	1/32 oz., 2.00	1.00	....
Salmon Queen. 8 in.	1/64 oz., 1.80	1.00	....
Mixed	1/32 oz., 1.80	.50	....

Primula Chinese Giant

Trade pkt., any of the following, except noted, 250 seeds, each, 50c.

Chiswick Red Improved. Red.
Covent Garden White.
Giant Pink. Extremely large petals of great substance.
Giant Salmon. Massive heads of flowers of great substance.
Queen Mary. Rose-pink.
True Blue.
Giant Mixed. Includes this year a number of new shades. 1/32 oz., $2.80.
Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting, robust constitution. Trade pkt., 250 seeds, $1.00.
Vaughan's International Mixture. This mixture is composed of the most salable colors of single-flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. Trade pkt. of 250 seeds, 50c; 1/32 oz., $2.00

Primula Sinensis Stellata

This type is indispensable for general decorative work. The plants are very floriferous and bloom for a long period. It is a good keeper, the flowers remain fresh in water for many days.

Giant Blue Star **Giant Salmon Pink Star**
Giant White Star **Giant Star Mixed**

Each, trade pkt. (250 seeds), 50c.

Primula Various Sorts

		Trade pkt.	Oz.
Malacoides (Baby Primrose). Light lilac. Very graceful; fine summer and winter-blooming plant, blooming within four months. 15 in.	1/8 oz., 90c	$0.50	....
Courtland Seedling. Clear lilac pink, very brilliant	1000 seeds,	.50	....
Salmon Rose	1/32 oz., $1.20	.50	....
Dawkin's Carmine King	1/64 oz., $1.80; 1000 seeds	.50	....
Princess Mary. Deep rose pink	1/64 oz., $1.00 1000 seeds	.50	....
Rosea Superba. Beautiful pink	1/16 oz., $1.20	.50	....
Snow Queen. Single white.	1/64 oz., $1.80; 1000 seeds	.50	....
Double White. A new and popular sort	1/32 oz., $1.80; 1000 seeds,	.50	....
Erikssoni, Baby Rose, deep rose	1/32 oz., $2.00; 800 seeds	1.00	
Baby Doll, frilled deep pink,	800 seeds	1.00	....
Brilliancy, opens lavender, changing to crimson-red	1/64 oz., $1.60; 800 seeds,	1.00	....
Snow King, pure white	6 pkts., $5.00; 500 seeds,	1.00	....
New Baby, lavender-pink	1/64 oz., $1.80; 800 seeds,	1.00	....
Salmon Beauty, true salmon	1/64 oz., $1.80; 800 seeds,	1.00	....
Wonder Baby, pink	800 seeds,	1.00	....
Mixed	1/32 oz., $1.80	.50	....
Race Oranienburg. (Dr. Bohnert.) Produces round, closed flowers one inch and more in diameter, very free-blooming, well rounded flower. Color bright violet with yellow eye. Splendid for cut and pot culture	1/32 oz., $1.80	.50	....
Kewensis. Yellow, decorative, winter-flowering greenhouse plant. 12 in.	1/32 oz., $1.50	.50	....

PRIMULA Obconica Grandiflora, Better Days.

		Trade pkt.	Oz.
Pyrethrum Parthenifolium Aureum (Golden Feather)		$0.10	$0.40
Rhodanthe. Mixed, splendid everlastings		.15	.40
Maculata Alba. Pure white	lb., $3.00	....	.30
Rosea. Rose with dark center	lb., 3.00	....	.30
Manglesi. Rose, very fine	lb., 3.00	....	.30

Ricinus—Castor Beans

Borboniensis Arboreus. 10 to 15 ft.	lb., $1.40	....	.15
Cambodgensis. Very dark, 4 ft.	lb., 1.40	....	.15
Crimson Spire. 6 ft.		.10	.30
Gibsoni. Dark red leaves, metallic lustre		.10	.30
Sanguineus. Red leaves, 7 ft.	lb., 1.20	....	.15
Zanzibariensis Enormis. Carmine seeds, 7 ft.,	lb., 2.20	.10	.20
Zanzibariensis Mixed	lb., 1.40	....	.15
Mixed. Many kinds	lb., 1.00	....	.10

Rochea Falcata. A beautiful greenhouse plant, similar to Echeveria; fine flower spikes with scarlet blooms. 18 in. 500 seeds, $1.20; 1000 seeds, $2.00 ....

Rudbeckia Bicolor Superba. Large golden yellow, dark spots, 2 ft. .10 .40

Kelvedon Star. A perfect long-stemmed flower for cutting. The flowers vary both in form and coloring, but all have dark brown central discs, surrounded by a shining mahogany zone on petals of deep orange 1/4 oz., 45c .25 1.60

See also Perennials.

Saintpaulia Ionantha Cordata. Dark cordated leaves, strong growth and large flowers of a deep lavender color. Blooms in 6 months from seed 1.00 ....

Ionantha Grandiflora (African Violet). Charming deep blue flowering pot plant which blossoms in uninterrupted succession 1-128 oz., $7.00 1.00 ....

Kewensis. It blooms freely for a long period. It differs considerably from the Ionantha and Cordata on account of its small delicate green leaves. The shining blue flower, reminding one of violets, contrasts well with the light green rosette of leaves 1.00 ....

Salpiglossis

Large-Flowering. Superbissima (Emperor).

		Trade pkt.	Oz.
Brown and Gold	Purple and Gold		
Chamois	Rose and Gold		
Crimson	Scarlet and Gold		
Faust	Velvety Red		
Golden Yellow	Velvety Violet		
Light Blue and Gold	Violet and Gold		
Purple	White and Gold		
Each of the above		$0.15	$0.80
Emperor. Mixed, very fine		.15	.80
Vaughan's Special Mixture. Made from above-named sorts ¼ oz., 30c		.20	1.00
Giant Flowered Dwarf Mixed. These have a compact branching habit, with individual flowers half again as large as the Emperor type. It is ideally suited for bedding purposes as they, being floriferous, cover the entire head of the plant with blossoms ¼ oz., 70c		.25	2.40

Salvia Splendens

America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes ¼ oz., 60c; lb., $26.00	.35	2.00
Early Harbinger (Fire Brand). Northern grown seed. Of uniform type, about 15 inches in height, free and early flowering. We recommend this very highly. ¼ oz., $1.20	.50	4.00
Harbinger (Regular strain) ¼ oz., 70c	.35	2.40
Clara Bedman (Bonfire). Erect habit—the old standby, 16-inch ¼ oz., 50c; lb., $18.00	.25	1.80
Fireball. Extra choice strain; free-flowering, 14 inch. ¼ oz., 60c; lb., $24.00	.35	2.00
Rocket. Extra early, dwarf 4 oz., 11.00	.35	3.00
Alba. White, buds tipped pink ¼ oz., 85c	.25	....
Maroon Prince. Plum color. 24-inch ¼ oz., 90c	.35	3.20
Zurich. Very early and very dwarf, 12 in. ¼ oz., 60c	.35	2.00
Salvia. Blue Beard. Annual, dark blue, 1 ft.	.15	.50
Farinacea Blue Bedder. Compact plant, deep blue flowers ¼ oz., 50c	.25	1.80
Horminum Oxford Blue. The bracts are Oxford-blue, very broad, and of a pureness of tone that can be found in no other annual	.25	1.00

See also Perennial pages.

Sanvitalia (Creeping Zinnia) Procumbens Fl. Pl. Double yellow, dwarf ¼ oz., 40c	.25	1.40
Saponaria Multiflora. Pink carpet. 6 in. Useful for edging blooms all summer	.10	.40
Vaccaria Rose. Incorrectly spoken of as pink Gypsophila. The light graceful sprays of glistening flowers produced in greatest profusion. lb., $1.40	....	.15
Alba, White lb., 1.40	....	.15

Saxifraga Sarmentosa "Mother of Thousands" 100 seeds, 25c: 1000 seeds, $2.00.

Scabiosa

Ageratum Blue. Fine mid-blue	.15	.50
Azure Fairy. A splendid cut-flower	.15	.50
Black Prince	.15	.50
Blue Cockade. Deeper than Azure Fairy. Lb., $6.00	.15	.50
Cherry-Red	.15	.50
Coral Pink	.15	.60
Fire King	.15	.50
La Fee. A very double, highly perfected Azure Fairy. Was given a special award by the New Jersey Experiment Station ¼ oz., 50c	.25	1.40
Loveliness. Soft delicate salmon rose color. It has long, stiff stems and a delightful fragrance. Lb., $6.00	.15	.60
Peachblossom	.15	.60
Rose	.15	.50
Rosette. Beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff	.25	1.40
Salmon Beauty. A pure salmon in color with huge flowers and with great vigor of growth ¼ oz., 70c	.35	2.40
Shasta. Pure white of enormous size	.15	.50
Improved Giant Hybrids. Particularly large, massive blooms in an unusual number of rare colors	.15	.50
Vaughan's Special Mixture Lb., $6.00	.15	.60
Dwarf Coral Rose. Deep rose pink tinged salmon, 8 in.	.20	1 20
Mixed	.15	.50

Schizanthus

VAUGHAN'S DWARF MASTERPIECE

This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well-balanced from light to pink and rose, very pleasing dark violet, all with conspicuous blotches. 1/16 oz., $1.00; trade pkt., 50c.

	Trade pkt.	Oz.
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. A splendid cut-flower item ⅛ oz., $1.00		
Monarch Strain. The flowers have immense petals and the majority are beautified by a gold veining so exceptionally heavy that it makes Monarch Reselected distinct from all other mixtures. Brightest roses, apple-blossom pinks, salmons, rosy-crimsons, deep violet-purple and many indescribable variations make a riot of color almost unbelievable 1/16 oz., $1.00	$0.50	....
Pansy-flowered (Danbury Park strain). The large, smooth-edged pansy-flowered blooms are remarkably substantial, while the rich self-colors in all shades of pink, crimson, mauve and purple, as well as white, are extremely bright and attractive ⅛ oz., $1.00	.50	....
Wisetonensis. Rose and amber shades; carmine shades; mauve and purple shades; rose and pink shades. Each ⅛ oz., $1.00	.35	....
Dr. Badger's Hybrids. Splendid large flowers with brilliant coloring ¼ oz., $1.00	.35	....
Vaughan's Semi-Dwarf, in mixture. A very fine strain, suitable for pot culture and cutting ⅛ oz., $1.00	.35	....
Bridal Veil. Pure white, excellent ⅛ oz., 75c	.50	....
Grandiflorus Hybridus Rich Colors Mixed. Valuable for pot plants or cut flowers	.35	....
Grandiflorus Hybridus Red Shades. Semi-Dwarf	.25	....
Retusus Type. Either when grown as pot plants in the greenhouse, or as annuals in the open border, Schizanthus Retusus makes a most effective display. The large flowers of orchid shape are also particularly useful for table decoration. Schizanthus Retusus is quite a different species from the other types. 18 inch.		
Retusus. Mixed, White and gold, Rose and gold. Ea.,	.25	....
Sedum Coeruleum (Stone Crop). Blue. 3 in.	.35	....
Sensitive Plant (Mimosa Pudica)	.10	$0.30
Senecio Elegans fl. pl. Mixed ¼ oz., 50c	.25	1.80
Fl. Pl. Nana Dwarf Mixed. (Indian Blanket) ¼ oz., 60c	.25	....
Shamrock Lb., $5.00	.15	.50
Silene Armeria (Catchfly). Mixed	.10	.20
Smilax Lb., 5.00	.15	.50
Snapdragon. See Antirrhinum.		
Stevia Serrata. White, fine cut-flower ¼ oz., 40c	.25	1.40

Streptocarpus New English Hybrids (Cape Primrose)

A superb strain with a wide range of colors. Lovely in shades of pink, mauve, lavender, white, deep rose, carmine and blue, some with white throats, others penciled. The flowers attain a diameter of 2 inches and over, similar to Gloxinias. They are borne on wiry stems and last long when cut. A fine pot plant for winter blooming when sown in January or February. The seeds are small and require very little covering. For soil, use the same as that in which Gloxinias thrive. They should be grown rather cooler than Gloxinias.

Red, Rose, Sky Blue, Snow White, each, tr. pkt., $1.00.
Largest Hybrids Mixed, 1/64 oz., $1.80; tr. pkt., 1.00.

STRAWBERRY BARON SOLEMACHER

A Good Mother's Day Item

The creation of a European specialist and the result of 35 years of cultivation. It is of the small fruited Alpine type and produces compact plants without runners. Plant seed in pots from January to April, keeping evenly moist and shaded. These seedlings will produce abundant fruit the first summer and continue bearing right into autumn.

Trade pkt., 50c; ⅛ oz., $2.00; 1/16 oz., $1.30.

Strelitzia Reginae. Bird of Paradise. Orange and blue. 6 ft. 10 seeds, $2.50.

Stocks

Varieties preceded by (★) star are the most popular colors.

Our Stock seed is secured from the most reliable growers, who devote much time and attention to rogueing and selecting, and better seed cannot be had. We have furnished seed for many years to the most critical growers of this plant.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty (deep rose) **Moonlight,** light yellow.
Brilliant Rose
★Silvery Lilac. Lilac lavender **★White**
Each of the above: ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.25; ¼ oz., $2.25; oz., $8.00.
Ball Blue. ½ trade pkt., 60c; trade pkt., $1.00; ¼ oz., $2.50.
★Chamois Pink. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.40; ¼ oz., $2.60; oz., $10.00.
Deep Rose. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.50.
Giant Pure White. New. ½ trade pkt., 60c; trade pkt., $1.00; ¼ oz., $2.50; oz., $9.00.
Malmaison Pink. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.25; ¼ oz., $2.25.
Ruby (Illusion). A good color for greenhouse. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.25; ¼ oz., $2.25.
Satin Rose. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.40.
Non-Branching Column, Mixed. All colors. ½ trade pkt., 50c; trade pkt., 75c; ⅛ oz., $1.20.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branchingt habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood Red "The Red Woods" **Pink** "Monterey"
Blue "Pacific" **Rose** "Yosemite"
Chamois "Santa Barbara" **White** "Santa Maria"
Lavender "Tahoe" **Yellow** "Golden Gate"
Each of above, **Trade pkt., 35c; ⅛ oz., 65c; oz., $4.00.**
Mixed, the above, **Trade pkt., 25c; ⅛ oz., 55c; oz., $3.40.**

GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers. If planted closely they make one spike with hardly any side branches.

Antique Copper **Appleblossom.** (Used by many for white.)
★Buttercup. Deeper shade than Gold Ball.
★Chamois **Dark Blue** **Elk's Pride.** Royal purple.
Flesh **Fiery Blood-Red** **Gold Ball**
Golden Rose **★Lavender** **★Lilac**
Old Rose **★Rose**

		Trade pkt.	Oz.
★Shasta. Vigorous, glistening white.			
Each of the above	⅛ oz., 60c; ¼ oz., $1.00	$0.35	$3.00
Giant Bismarck, Mixed. All colors	¼ oz., 60c	.25	2.20
★White Wonder. It is a tall growing variety of the Bismarck type in habit. The heads are very large and the individual flowers are closely set and of extraordinary size	⅛ oz., $1.20	.50	8.00

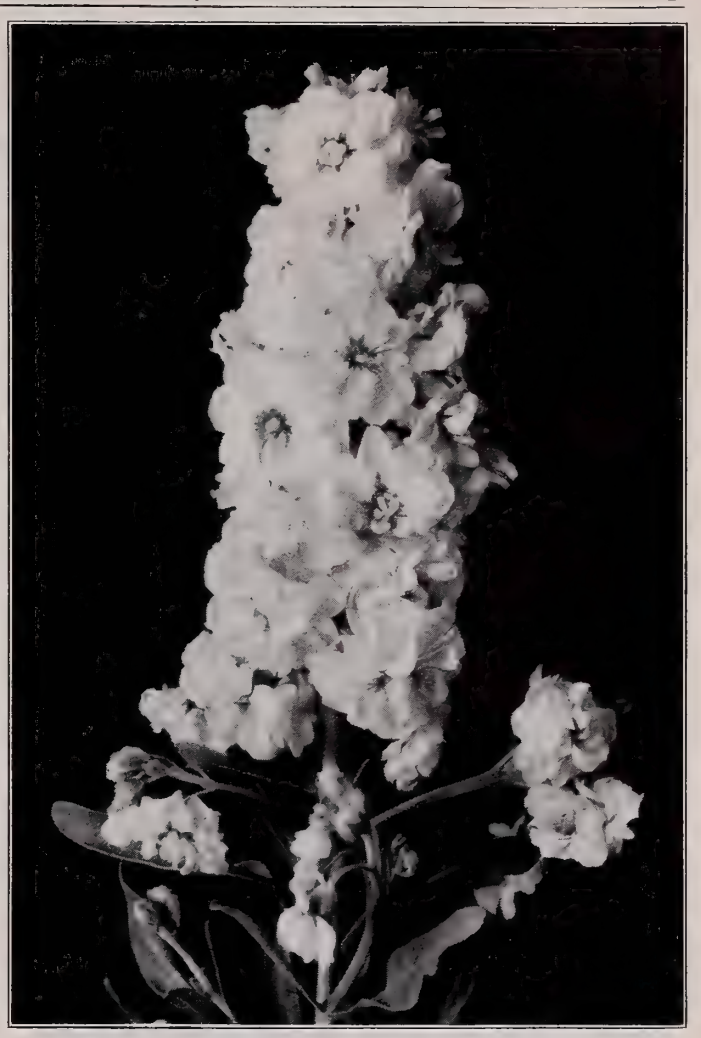
GIANT PERFECTION—Cut and Come Again

Canary (Yellow) **Sky Blue** (May Queen)
La France (Flesh) **Rose**
Sapphire (Dark Blue) **White** (Improved Snowdrift)
Scarlet **Empress Augusta Victoria** (Silvery lilac.)

		Trade pkt.	Oz.
Heatham Beauty. Rose shaded terra cotta.			
Each of the above	¼ oz., 60c; ⅛ oz., 35c	$0.25	$2.20
Giant Perfection, Mixed. All colors	¼ oz., 50c	.25	1.80

EMPEROR OR WINTER

Empress Elizabeth. Brilliant carmine rose	¼ oz., 85c	.35	3.00



STOCKS Giant Bismarck Shasta

BEAUTY OF NICE

Abundance. Soft carmine-rose. **Monte Carlo.** Yellow.
American Beauty. **Mont Blanc.** White.
Aurora. Cream tinted pink. **Pink.** Flesh.
Belle of Naples. Old rose-salmon. **Souv. de Monaco.** Crimson.
Cote d'Azure. Light blue. **Summer Night.** Dark blue.

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c; ⅛ oz., 35c	$0.25	$2.20
Beauty of Nice, Mixed	¼ oz., 50c	.25	1.80

DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots and bedding. Not desirable for cutting.

Blood-Red **Dark Blue** **Lavender**
Bright Pink **Deep Rose** (Carmine Pink) **Light Blue**
Canary-Yellow **Golden Wonder** **White**

		Trade pkt.	Oz
Each of above	¼ oz., 50c	$0.25	$1.80
Dwarf Large-Flowering. Extra choice. 10 weeks. **Mixed,** all colors	¼ oz., 50c	.25	1.60

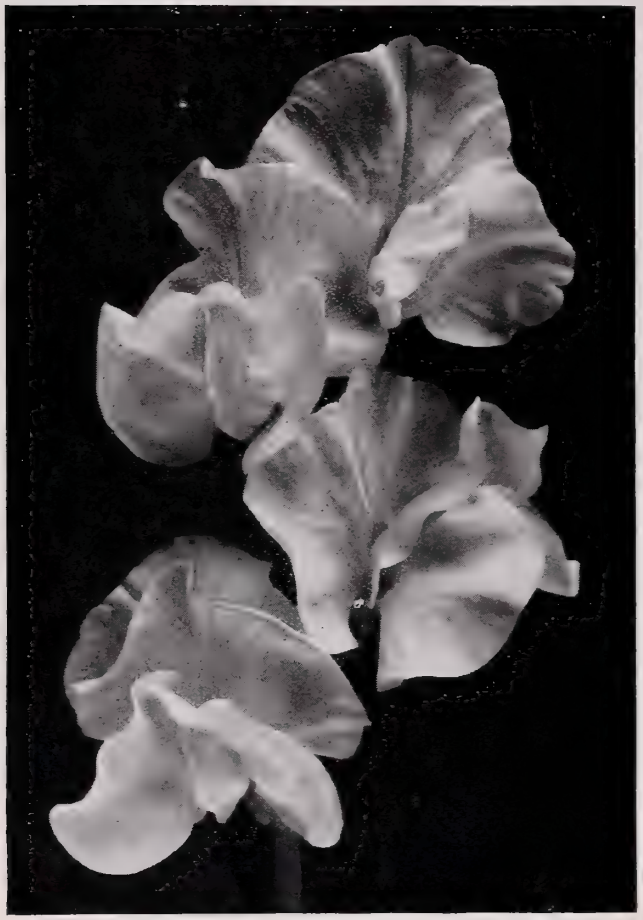
Statice

Sinuata. True Blue. Fine cut-flower	lb., $2.00	.10	.25
Kampf Improved variety (Market-growers' blue). Very dark flowers, blooming about two weeks earlier than type	lb., $2.40	.10	.20
White, Pure	lb., 1.80	.10	.20
Rosea Superba	lb., 2.80	.10	.30
Pastel shades mixed		.15	.50
New colors mixed		.15	.50
Bonduelli, Superba. Golden yellow	lb., 4.00	.10	.35
Puberula. Flowers 5 months after sowing, grows only 4-6 in. high and forms large magnificent dark violet blooms. It can be used for pots and in the open, also in rock gardens	¼ oz., 60c	.25	2.20
Suworowii. Russian or Rat tail. Flowers bright rose color	4 oz., $2.00	.15	60

Sweet Peas Early Flowering Spencer Novelties

INTRODUCERS' DESCRIPTIONS

4 ounces and upward of one variety supplied at pound rate. Less than 4 ounces of one variety at ounce rate, unless otherwise noted Duplexed varieties often have 3 to 4 standards and the same number of wings, giving the appearance of a semi-double flower



SWEET PEAS EARLY FLOWERING DAPHNE.

All our Sweet Pea seed sent to you will be treated with Cuprocide (red copper oxide), unless ordered without this treatment.

Various sowings have proved that Sweet Pea seeds treated with Cuprocide are less liable to rot, especially during the germination period in the ground. We believe that **seeds treated with Cuprocide** will give you a greater percentage of germination than untreated seeds, which have a tendency to rot in soil that is too wet.

Sweet Pea seed treated with Cuprocide **must not be soaked before sowing.**

★We recommend the starred varieties as the best of their colors.

Boon. Deep salmon pink on light cream ground. ½ oz., **20c**; oz., **35c**; 4 oz., $1.20; lb., **$4.00.**

Bridesmaid. A charming deep silvery pink color with stems unusually long. The flowers are large and bold and have great substance, which will make it ideal for shipping. Growth vigorous. ½ oz., **20c**; oz., **35c**; 4 oz., $1.20; lb., **$4.00.**

Chime. A most pleasing shade of light salmon pink on cream ground. Oz., **30c**; 4 oz., **$1.00**; lb., **$3.40.**

Colleen. Sprays of four sweetly fragrant, brilliant rose suffused with gold blooms. Turning to a rich golden rose under artificial light. Oz., **40c**; 4 oz., $1.25; lb., **$4.80.**

Danube is a bit lighter than Mrs. Hoover and a shade deeper than Blue Bonnet. This magnificent mid-blue is best suited for color work in the daytime, when it shows off to perfection. Large, ruffled blooms of a clear lavender blue, on long straight stems in sprays of four. ½ oz., **30c**; oz., **50c**; lb., **$5.00.**

Daphne. This new sweet pea is a soft salmon pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards. Many of the blooms are duplex and borne on long and stout stems. Was exhibited at the International Flower Show in New York where it was awarded a Silver Medal. Oz., **$1.50**; ¼ lb., **$5.00**; lb., **$17.00.**

Emblem. Outstanding for its unusually long stems, on which are borne three and four bright salmon-cream pink flowers, beautiful salmon-pink tone on the cream ground. ½ oz., **25c**; oz., **40c**; 4 oz., $1.15; lb., **$4.20.**

Florist Blue. The color is a clearer and purer blue, the stems are longer and the plant has more vigor than any other blue Sweet Pea introduced. Oz., **60c**; 4 oz., $1.75; lb., **$6.40.**

Florist Rose. The color is a pure rose-pink, richer and slightly deeper than the popular Annie Laurie. The blooms are immense. It is very floriferous and a long, continuous bloomer. ½ oz., **35c**; oz., **60c**; 4 oz., $1.75; lb., **$6.40.**

Princess Blue. A delightful and pleasing shade of silvery or Delphinium blue. The flowers have large bold standards and wide-spreading wings, both standard and wings holding to the same rich blue color. A vigorous grower. Oz., **$1.00**; 4 oz., **$3.50**; lb., **$12.00.**

Sequoia. A rich golden salmon cerise pea, frilled and wavy. The flowers are enormous on long stout stems and the plants strong vigorous growers. Oz., **35c**; 4 oz., $1.15; lb., **$4.00.**

Shirley Temple. The color is softer and more beautiful than Pinkie. It has long stems with four very large blooms on each stem. Oz., **40c**; 4 oz., **$1.20**; lb., **$4.00.**

Sonnet. The flowers are very large, borne on long stout stems by very vigorous growing vines. The flowers are bold, although very large, and the delicacy of the soft pink shade makes a truly sweet bunch. Oz. **40c**; 4 oz., **$1.20**; lb., **$4.00.**

Sunproof Orange. Of a bright scarlet orange hue—with a hint of more orange in the standard. Oz., **50c**; lb., **$5.00.**

Tahoe. A shade between Mrs. Herbert Hoover and Blue Bonnet, but coming with large, wavy flowers. Both the wavy standards and ruffled wings have the same delightful shade of mid-blue. Flowers are well placed and the plant is a vigorous grower. ½ oz., **60c**; oz., **$1.00**; lb., **$12.00.**

Top Hat. Deep purple-blue. Oz., **50c**; lb., **$6.00.**

Triumph. The color is lovely soft lilac-mauve—a beautiful clear shade without any tinge of purple or blue. Received first class certificate at 1936 spring show of the Dutch Horticultural Society. ½ oz., **20c**; oz., **35c**; lb., **$4.00.**

Zvolanek's Salmon. Salmon cerise, large flowers, strong stems. ½ oz., **25c**; oz., **40c**; 4 oz., **$1.15**; lb., **$4.00.**

Zvolanek's Supreme Orange. Clear orange, large flowers, strong stems. Oz., **40c**; 4 oz., **$1.15**; lb., **$4.00.**

GENERAL LIST EARLY FLOWERING SPENCER

Any of the below, except where noted otherwise, ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; lb., $3.40.

BLUE

Ball Blue. Clear mid-blue, good bloomer.

Blue Bonnet. Extra large, fine deep blue.

Blue Boy. Clear blue.

Eleanor Blue. Long stems.

Mariner. A vigorous grower, four large flowers being borne on long, stout stems. The clear blue flowers are practically without any tint of mauve shading at any stage.

★**Mrs. Herbert Hoover.** "The California Blue." Vigorous growth, great length of stem, uniform blue.

LAVENDER

Burpee's Lavender. Lovely light Wisteria lavender.

Fragrance (Intermediate). Large frilled lavender flowers, sweetly fragrant.

Greeting. Clear lavender, fine commercial early sort.

★**Harmony.** Lavender.

Lavanda. Large clear lavender flowers.

Michigan. A mammoth dark, pure lavender.

Sweet Lavender. A pure lavender self.

★**Vogue.** An improved Early Harmony, standard lilac lavender, flushed rosy lavender and wings clear lilac-lavender. Delicious fragrance.

Sweet Peas,

General List Early Flowering Spencers—Continued

Any of the below, except where noted otherwise, ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; lb., $3.40.

We can offer substitutes for older varieties we dropped from our list.

SALMON

★**Apollo.** A soft salmon pink. Flowers large, long stemmed.
Attraction. Bright salmon pink.
★**Mrs. Calvin Coolidge.** Rich salmon, pink.
Mrs. Kerr. Salmon.
Spring Song. Salmon-pink on cream ground.

ROSE AND PINK

Annie Laurie. Richest tone of pure rose pink.
American Beauty. Strong, heavy growth, good thick, long stems, a rich crimson rose.
★**Ball Rose Improved.** Extra rich deep rose.
Chevalier. Magnificent cerise-rose.
Colossal Rose. Largest rose pink, long stem.
Columbia (Intermediate). Salmon rose standard, white wings.
★**Eileen.** Rich Begonia-rose with salmon shading.
Exposition Pink. Large waved rich pink, long stems.
Fandango. Bright rose. Oz., **20c**; 4 oz., **70c**; lb., **$2.40.**
Fascination. Rose pink, long stems, strong grower. Oz., **20c**; 4 oz., **70c**; lb., **$2.40.**
Giant Rose. Rose-pink.
★**Jeanne Mamitsch.** Striking pink, shading off to deepest pink.
Josie. This variety is without doubt the largest and longest stemmed pink Sweet Pea in existence. There is not even one of the summer flowering which can show larger and longer stems. Free bloomer.
★**Laddie Improved.** An enormous rose-pink.
Majestic Rose. Immense deep rose-pink flowers on long stems.
Mother Machree. A golden rose suffused coral. The flowers are large and perfectly formed on long stems. Strong grower.
★**Mrs. Holscher.** Rose-pink.
Mrs. Reddick. A light shell pink on a white ground.
Pride. Pure cerise, large flowers on long stems.
Ramona. A delightful luminous coral rose with yellow and pink shadings blended to make an exquisite shade of geranium pink. Oz., **40c**; 4 oz., **$1.15**; lb., **$4.20.**

ROSE AND PINK—Continued

Success. Sparkling rose pink on white ground.
Sunray. Brilliant glowing yet soft cerise on cream ground.
Zvolanek Rose. A giant rose-pink; sow to follow the "mums."

SCARLET

★**Grenadier.** A glowing poppy-scarlet.
Redwood. A deep, bright-rich crimson. The flowers are large, well placed on long, stout stems and nicely waved.
Vulcan. Vivid scarlet; never burns.

ORANGE

Ball Orange Improved. 1 oz., **50c**; lb., **$6.00.**
Ball's Orange. Clear rich orange.
Burpee's Orange. Glistening orange.
Forty-Niner. Deep yet bright true orange shade.
Glitters. Bright fiery-orange, wings deep orange.
Prosperity. Orange salmon suffused with amber.
★**Valencia.** Color bright orange, sun-proof.
Zvolanek's Orange Beauty. Extra large long stemmed, free blooming, fiery orange, does not burn.

WHITE

★**Hope.** A mammoth flowered black seeded pure white.
White Harmony. A standard black-seeded white.
Ball's White. A white-seeded white, rich fragrance. Extra long stems, highly recommended. ½ oz., **30c**; oz., **50c**; lb., **$5.50.**
Burpee's White. Glistening white, sweet scented. Oz., **40c**; lb., **$4.00.**
Snowstorm Improved. White, of great substance.
Zvolanek's White Rose. Mammoth flower, beautifully shaped.

MISCELLANEOUS

Amethyst. An early-flowering "Royal Purple."
Early Flowering Spencer. Vaughan's Special Mixture from named sorts.

Summer Flowering—Spencer Varieties

We supply ¼ pound of any one variety at the pound rate except where noted otherwise.

	Oz.	Lb.
All Bright. Scarlet cerise	$0.15	$1.60
Ambition. Rich, deep lavender	.15	1.40
Artiste. Deep salmon shaded white on white ground.	.20	2.00
Ascot. Bright pink ¼ lb., 50c	.20	1.75
Avalanche. Glistening white	.15	1.60
Beatall. Bluish cerise, salmon and rose shaded	.15	1.60
Bonnie Briar. Large rose pink ¼ lb., 50c	.15	1.80
Bonny Ruffles. Salmon-pink on cream, duplexed	.50	5.00
Bridal Veil. Pure white, black seeded	.45	4.00
Burpee Blue. Bright, deep blue	.30	3.00
Capri. Light blue	.15	1.80
Charity. Best red (Improved King Edward VII)	.15	1.60
Constance Hinton. Black seeded white	.15	1.40
Crimson King. Rich deep clear crimson	.15	1.60
Elfrida Pearson. Large pale pink	.15	1.20
Enchantress (Sutton's). Glowing salmon overlaid cream	.50	5.00
Fiancee. Salmon-pink, deeper edge	.15	1.60
Flamingo. Cerise scarlet	.15	1.60
Fluffy Ruffles. Rich rose shaded salmon and cream, duplexed	.15	1.60
Fortune. Rich dark blue	.15	1.60
Gigantic. Largest and best black-seeded white	.20	1.80
Gleneagles. Large lavender	.15	1.60
Grand Slam. Bright scarlet cerise shaded orange.	.15	1.80
Hawlmark Pink. Deep rose pink	.15	1.60
Salmon-Pink	.15	1.60
Lavender	.15	1.60
Headlight. Orange scarlet, sunproof	$0.15	$1.80
Heavenly Blue	.15	1.20
King White. Gigantic flowers of pure white	.15	1.40
Loveliness. Rich pink on cream	.20	2.00
Mary Pickford. Dainty cream-pink suffused salmon	.15	1.60
Mavis. Salmon-orange	.25	2.40
Miss California. Orange-salmon and cream-pink	.15	1.60
Mrs. A. Searles. Rich pink, merging into Orient red	.15	1.80
Mrs. Tom Jones. Bright blue	.15	1.60
Olympia. Deep rich purple	.15	1.60
Pinkie. Rose-pink, largest	.20	1.80
Pirate Gold. Golden orange	.15	1.60
Powerscourt. Lavender	.15	1.60
Queen of Belgians. Scarlet cerise	.15	1.80
Royal Sovereign. Large orange-salmon	.15	1.60
Sextet Queen. Pure white, black seeded	.15	1.80
Station Master. Hydrangea-pink, flushed cerise	.20	2.20
Stylist. Rose pink	.15	1.60
Springtime. Light rose pink	.15	1.60
Sybil Henshaw. Rich crimson	.15	1.60
Tangerine Improved. Glowing orange	.15	1.60
Warrior. A fine maroon	.15	1.60
Youth. White, pink picotee	.15	1.60

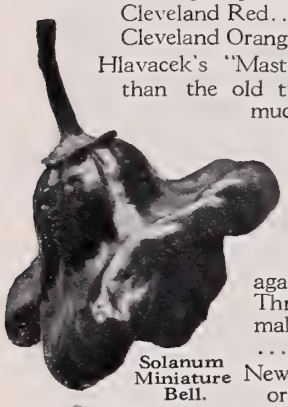
SWEET PEAS IN MIXTURE

Vaughan's Florist's Mixture of Spencer Varieties. 5 lbs., $5.00	.15	1.25

Sweet Rocket. See Hesperis matronalis.
Sweet Sultan. See Centaurea moschata and Imperalis.
Sweet William. See Dianthus Barbatus.

Solanum

		Trade pkt.	Oz.
Capsicastrum nanum		$0.15	$0.80
Bird's Eye Pepper	¼ oz., 45c	.25	1.60
Celestial Pepper. Conical fruits, at first green then creamy yellow, violet, coralline, and after that golden yellow	¼ oz., 25c	.15	.80
Christmas Cherry Improved	¼ oz., 50c	.25	1.80
Cleveland Red		.15	.60
Cleveland Orange	¼ oz., 60c	.25	....
Hlavacek's "Masterpiece." More compact than the old type and produces fruit much more freely.	¼ oz., 50c	.25	1.60
Miniature Bell. Interesting ornamental bell-like fruits which hang on graceful branches. The red, green and white fruits are attractive against the dainty foliage. Three plants in an azalea pot make a fine display	¼ oz., $1.00	.35	....
New Paterson Variety. Large orange red flowers, cherry-like fruit, compact habit	⅛ oz., 85c	.35	....
Mixed above varieties	¼ oz., 60c	.25	....



Solanum Miniature Bell.

Sunflower

	Trade pkt.	Oz.
Annuus Purpureus (Red Sunflower)	$0.10	$0.25
Intermediate Sanguineus Excelsior	.10	.25
Double Chrysanthemum-Flowered	.10	.20
Double Dwarf Chrysanthemum-Flowered		
Cucumerifolius Miniature Stella	.10	.25
Orion	.10	.35
Purpureus fl. pl.	.10	.40
Vaughan's Special Mixture	.10	.40

Verbena

		Trade pkt.	Oz.
Gigantea Beauty of Oxford Hybrids. A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. The foliage is a dark cress green	¼ oz., 60c	$0.35	$2.00
Alba. Very large, pure white	¼ oz., 50c	.25	1.60
Appleblossom. Very large florets, almost white shading to cameo-pink on the edge	¼ oz., 85c	.35	2.80
Cerise Queen	¼ oz., 50c	.25	1.80
Crimson Glow. A pure glowing crimson without an eye, first of this color in the hybrida class, rounding out the color range. The flower heads are produced freely on compact plants, with small leaves. One of the most vivid of the verbena colors.	¼ oz., 65c	.35	2.20
Etna. Geranium-red with a small creamy yellow eye.	¼ oz., 50c	.25	1.60
Floradale Beauty. Special Mention All America 1937. Hybrida grandiflora, Beauty of Oxford type of large-flowered rose shades with salmon-rose predominating	¼ oz., 70c	.35	2.40
Lavender Glory. True lavender with creamy white eye. Fragrant. About 80% true	¼ oz., 70c	.35	2.20
Luminosa. Flame-pink toning to softer shades of salmon flesh and coral	¼ oz., 50c	.25	1.60
Lucifer. Red	¼ oz., 50c	.25	1.60
Rosea Stellata. Pink, white eye	¼ oz., 50c	.25	1.60
Rose Cardinal. Bright red	¼ oz., 50c	.25	1.60
Royale. Royal blue with creamy eye	¼ oz., 60c	.35	2.20
Spectrum Red. Intense pure bright red	¼ oz., 50c	.25	1.80
Sutton's Giant Pink	¼ oz., 50c	.25	1.80
Violacea Stellata. Violet, white eye	¼ oz., 50c	.25	1.80
Gigantea. Mixed	¼ oz., 40c	.25	1.40
Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut-flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors; 15-18 in.	¼ oz., 70c	.35	2.40

VERBENA—Continued

		Trade pkt.	Oz.
Dark blue	¼ oz., 40c	$0.25	$1.40
Defiance. Brilliant scarlet	¼ oz., 40c	.25	1.45
Mayflower. Pink	¼ oz., 40c	.25	1.25
Lutea Improved. Yellow	¼ oz., 40c	.25	1.40
Miss Helen Willmott. Bright salmon-rose with white eye. The seed produces flowers mostly of the true type with a small percentage of varying shades	¼ oz., 60c	.35	2.00
Purple Mantle	¼ oz., 40c	.25	1.40

Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. ¼ oz., 70c; oz., $2.40; 2 oz., $4.00; trade pkt., 25c.

Dwarf Verbenas

These are very much in favor since they make splendid pot plants, growing from 6 to 9 inches high and very compact.

		Trade pkt.	Oz.
Carmine Ball. A beautiful erecta compacta Verbena of similar form to Fireball. It forms a perfectly symmetrical plant about ten inches high and twelve inches across and is completely covered with bright carmine flowers	¼ oz., 70c	$0.25	$2.40
Blue with White Eye	¼ oz., 70c	.25	2.20
Chamois	¼ oz., 60c	.25	2.20
Dwarf White, Ruby, Pink, Dark Blue, each,	¼ oz., 70c	.25	2.60
Fireball. Scarlet. Excellent for borders and pot plants, 6 in.	¼ oz., 60c	.25	2.20
Splendor. Flowers of intense scarlet with a contrasting large white eye. Very showy and attractive and comes true to type and rich sparkling color	¼ oz., 50c	.25	1.80
Venus. Light creamy salmon, new	¼ oz., 70c	.35	2.40
Violet Bouquet. Flower opens deep violet tinged garnet changing to deep violet, cream color eye.	¼ oz., 80c	.35	2.80

Vaughan's Special Mixture Dwarf Verbenas. This is made from separate colors and a most complete mixture. Trade pkt., 35c; ¼ oz., 80c; oz., $2.80.

Verbenas Various Sorts

		Trade pkt.	Oz.
Aubletia Canadensis Grandiflora. Reddish lilac		$0.25	....
Venosa. Heliotrope blue, fine for bedding when combined with alyssum; used extensively in the Chicago parks, 1 ft.	¼ oz., 40c	.25	$1.40
Lilacina, new	¼ oz., 50c	.25	1.80
Erinoides (Moss Verbena). Purple, 1 ft.	¼ oz., 40c	.25	1.20
White	¼ oz., 40c	.25	1.20
Lemon (Citriodora)	¼ oz., 60c	.25	2.20

Tahoka Daisy

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, tinted with rose as they fade, center deep yellow. Under open ground culture the plants are in bloom by middle of June and flower until October. Excellent for cutting. Treat as an Annual. To get an even and quick germination, the seed should be stored in refrigerator for a couple of weeks.

		Trade pkt.	Oz.
	¼ oz., 70c	$0.30	$2.00
Texas Queen Anne's Lace. An improved Wild Carrot.	¼ oz., 25c	.15	.80
Thunbergia. Mixed		.15	.60
Gibsoni. A lovely new graceful climber for covering pillar and trellis work in greenhouses, or may be flowered outdoors in Summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange	100 seeds, $2.00		
	1000 seeds, $18.00	...	....
Tithonia Speciosa. "Mexican Sunflower".	¼ oz., 60c	.25	....
Speciosa Early Flowering	¼ oz., 80c	.25	....
Torenia Fournieri. Makes a fine pot plant for Mothers' Day sales. Flowers blue with dark blotches on lip. 12 in.	¼ oz., 60c	.25	2.20
Fournieri Compacta. Dwarf. 8 in.	⅛ oz., 50c	.25	....
White Wings		.25	....
Bailloni. Yellow with brown. 12 in.		.35	....
Geffion (Nana Compacta). New. Deep blue		.35	....

Torenias are wonderful pot and bedding plants, also good in combination baskets.

	Trade pkt.	Oz.
Trachelium Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in. ⅛ oz., $1.00	$0.35	....
Coeruleum fl. albo. White	.35	....
Ursinia Anethoides. Rich orange-yellow and purple zone. ¼ oz., 50c	.25	$1.80
New Hybrids. ¼ oz., 50c	.25	1.80
Venidium Calendulaceum. Bushy plant with large brilliant orange colored, daisy-like flowers with a paler zone round the central dark disk. 14 in.	.25	1.40
Fastuosum. Above the greyish silky foliage rise numerous orange flowers, marked with a purple-black zone averaging 4 to 5 in. across. Treat as a half hardy annual, sowing in March or April, as germination is difficult earlier. ¼ oz., 70c	.25	2.40
Fastuosum Hybrids. A good mixture of several different colors. ¼ oz., 70c	.25	2.40

Vinca

These are slow growers and must be started early. They are splendid bedding plants, or for combinations. They bloom all summer and do well in the sun and partial shade.

	Trade pkt.	Oz.
Rosea. Pink, 1 ft. ¼ oz., 25c	$0.15	$0.80
Fl. Alba Oculata. White with pink eye. ¼ oz., 25c	.15	.80
Alba Pura. Pure white. ¼ oz., 25c	.15	.80
Delicata. Soft pink. ¼ oz., 25c	.15	.80
Kermesina. Bright red, dark green leaves with red stems. New. ¼ oz., 30c	.20	1.00
Mixed. ¼ oz., 20c	.10	.60
Virginia Stocks. Mixed. A splendid edging plant. lb., $2.00	.....	.20
Nana Compacta. Dwarf bushes not over 8 inches in height covered with bright flowers during the entire season.		
Innocence, pure white	.15	.60
Love, bright rose	.15	.60
Crimson Gem, crimson	.15	.60
Mixed	.15	.50
Viscaria Oculata. Mixed	.10	.40
Blue Pearl. Pure deep lavender blue without eye, erect growing. ¼ oz., 50c	.25	1.80
Rose Beauty. Flowers of very bright deep rose on long stems. The habit of the plant is upright and the stems are strong and ideal for cutting. The flower petals are fringed and laciniated. 18 inches.	.15	1.20
Nana compacta oculata. Mixed	.15	.80
Coerulea Blue Bouquet. ¼ oz., 50c	.25	1.60
Cardinalis. Bright carmine	.10	.40
Whitlavia Gloxinoides. Blue. A good cut-flower	.15	.60
Wild Cucumber. Vine	.10	.20
Xeranthemum. (Everlasting). Double mixed	.15	.40
Superbissima (Pompon) mixed, improvement on above	.15	.50

Zinnia

DAHLIA-FLOWERED

The plants grow tall, are well-branched and the colors are very distinct and striking; the flowers are double and large size.

Attraction, brick-red
Buttercup-yellow
Canary Bird, primrose
Crimson Monarch, best red
Dream, deep lavender
Eldorado, rose on deep salmon
Exquisite, light rose, center rose
Golden Dawn, golden yellow
Golden State, rich orange
Illumination, deep rose
Lemon Beauty
Luminosa, bright deep pink suffused with salmon
Old Gold, burnished shades of deep and old gold
Old Rose
Oriole, orange and gold
Meteor, darkest red
Polar Bear, white
Purple Prince
Scarlet Flame, bright scarlet
Youth, soft rose self

	Trade pkt.	Oz.
Each of above. ½ oz., 60c; lb., $12.00	$0.25	$1.00
Dahlia-Flowered, Gold Medal Hybrids. A superior mixture containing many new varieties. lb., $12.00	.25	1.00
Pastel shades. lb., $12.00; ½ oz., 60c	.20	1.00
Crown O' Gold. The color range comprises the more popular florist shades, including old rose, cream, yellow, carmine and burnished-red—all with golden base. lb., $12.00; ½ oz., 60c	.25	1.00
Desert Gold. Of dual tone beauty comprising the light and deeper shades of gold, each petal overlaid at the base with a deeper golden yellow. ½ oz., 60c	.25	1.00

ZINNIA—Continued

CALIFORNIA GIANTS

They are larger than Colossal and a cross between them and the Dahlia-flowered types. They have smaller, flat centers, with more loosely placed petals. The petals are attractively imbricated.

Brightness. Bright, deep rose color.
Cerise Queen.
Daffodil. Canary-yellow.
Enchantress. Extra choice pink.
Grenadier. A very dark red, similar in color to Dahlia-flowered Meteor.
Isabellina. Creamy buttercup.
Lavender Gem. Resembling Dahlia-flowered Dream.
Lemon Queen. Canary and cerise, fragrant.
Miss Willmott. Soft pink.
Orange King. Similar in color to the Calendula of the same name
Pink Profusion. Delicate shrimp pink.
Purity. A clean pure white.
Rose Queen. Develops into a deep rose.
Salmon Queen.
Scarlet Queen.
Violet Queen. Dark violet.

	Trade pkt.	Oz.
Each of the above. lb., $11.00; ½ oz., 60c	$0.25	$1.00
California Giants, Vaughan's Special Mixed. All colors. lb., $10.00; ½ oz., 60c	.25	1.00
Scabiosa Flowered, Mixed. ¼ oz., 50c	.25	1.60
Autumn Tints. ¼ oz., 50c	.25	1.80
Fantasy Mixture. Mixture with rounded flowers is composed of a mass of shaggy ray-like petals. ¼ oz., 35c	.25	1.00
Star Dust. Deep golden yellow. ½ oz., 70c	.25	1.20

GIANT-FLOWERED OR COLOSSAL

The flowers are of enormous size, thickly set with velvety petals.

Blood Red
Buttercup
Burnt Orange
Cream
Crimson
Deep Flesh
Deep Salmon
Faust (Blackish Maroon)
Golden Yellow
Lavender
Pink Shades
Rose Queen, deep rose, dark center
Royal Purple
Scarlet
Violet
White

	Trade pkt.	Oz.
Each of the above. lb., $6.00	$0.15	$0.60
Colossal Varieties, special. Mixed. lb., 6.00	.15	.60

LILLIPUT OR POMPON

Canary Yellow
Crimson
Deep Flesh (bright pink)
Golden Gem (golden-orange)
Orange
Purple
Rose Bud
Salmon Rose, a lovely color
Scarlet Gem
Valencia (burnt orange)
White Gem

	Trade pkt.	Oz.
Each of above. lb., $8.00	$0.15	$0.80
Pastel Shades Mixed. lb. 8.00	.15	.80
Vaughan's Special Lilliput Mixture. lb, 8.00	.15	.80
Red Riding Hood. Scarlet. lb., 8.00	.15	.80
Linearis. 10 in. This is a new strain of our Midget type, bearing single flowers of deep golden orange, with a contrasting yellow stripe, an attractive combination. It is early flowering, and the plants may spread over two square feet without growing taller than 10 inches. ¼ oz., 50c	.25	1.80
Mexicana (Haageana) Fl. Pl., double yellow. ¼ oz., 45c	.25	1.60
Hybrida. Mexican Hybrids. Double mixed. ¼ oz., 40c	.25	1.40

Pumila Fl. Pl. This is called the "Cut and Come Again" type.

Alba Plena. Snowball
Canary Yellow
Coccinea Plena. Fireball
Aurea Plena. Goldball
Golden Orange
Pinkie
Salmon Rose. Remarkable shade, good for cut-flowers.

	Trade pkt.	Oz.
Each of the above	$0.10	$0.60
Spun Gold. Delicately tinted butter yellow	.15	.50
Mixed. The above shades	.15	.50

NEW CUPID ZINNIAS

The Smallest of All

Compact plants about 1 ft. tall, consist of a large number of slender branches which give the plant a well-rounded bushy habit. Each of the numerous upright stems bears a miniature flower which hardly exceeds 1 in. in diameter.

Tiny Tim. Glowing shade of rich scarlet.
Pixie. Very attractive bright yellow.
Snowdrop. Pure clear white; mixed the above. Each of the above. ¼ oz., 45c — Trade pkt. $0.25, Oz. $1.40

ACHILLEA The Pearl.
Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.80.

ANCHUSA Myosotidiflora.
Tr. pkt., 50c; ¼ oz., $1.40; 1 oz., $5.00.

One of the most attractive of spring blooming perennials. A real gem for the border.

ANTHEMIS Tinctoria.
Tr. pkt., 15c; oz., 50c.

Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals, quite a few may be forced, others make fine pot plants and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Acanthus Mollis, Aconitum, Adonis Vernalis, Anemone, Asperula Odorata, Clematis, Delphinium Cardinale, Delphinium Zalil, Delphinium Nudicaule, Dictamnus, Dielytra, Doronicum, Gentiana, Helleborus Niger, Incarvillea, Iris, Peony, Phlox Decussata, Primulas (Alpine) Trollius and nearly all Alpines.

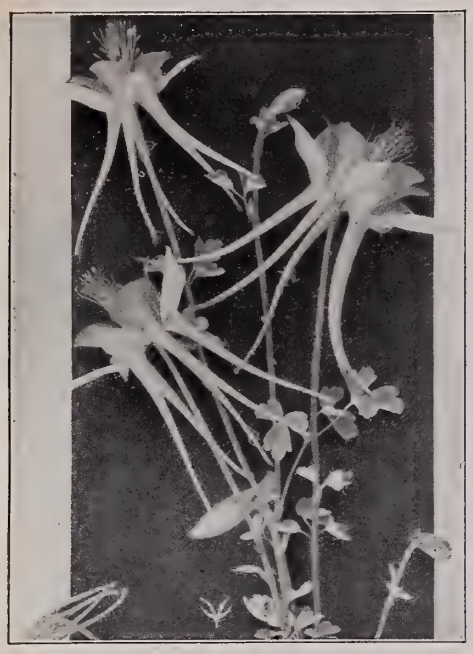
	Trade pkt.	Oz.
Acaena Glauca. × Silvery-blue foliage, for carpeting and rock steps, 2 in. ⅛ oz., 60c	$0.25	....
Acanthus Latifolius (Bear's Breech). 3 ft. . . lb., $3.00	.10	$0.30
Achillea Ageratum. × Yellow, scented, 24 in.	.25	1.20
Filipendula. Parker's Var. A splendid cut flower. The flowers, if cut when fully open, may be dried for later use. Yellow, 4 to 5 ft. ¼ oz., 60c	.25	2.20
Millefolium Kelwayi. Magenta red, 18 in. ¼ oz., 50c	.25	1.60
Cerise Queen. Dark cherry-red, 24 in.	.35	....
Rubra. Magenta red, 24 in. ¼ oz., 50c	.25	1.80
Ptarmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in. ¼ oz., 50c	.25	1.80
Perry's White. The best white ¼ oz., $1.00	.35	....
Tomentosa Aurea. × Ferny green mats, golden umbels, 6 in. ⅛ oz., $1.20	.50	....
Aconitum (Monk's Hood). Fischeri. Large pale blue flowers, 30 in. ¼ oz., 50c	.25	1.80
Napellus. Dark blue, 36 in. ¼ oz., 45c	.25	1.40
Wilsoni. Rich blue, 6 to 7 ft. ¼ oz., 50c	.25	1.80
Mixed ¼ oz., 50c	.25	1.60
Adlumia Cirrhosa. Allegheny Vine. Hardy climber	.25	....
Adonis Vernalis (Flower of the Gods, Ox Eye). Golden yellow, 12 in. ¼ oz., 50c	.25	1.60
Aethionema Coridifolium (Lebanon Candytuft). Light mallow purple, 8 in. ⅛ oz., $1.50	.35	....
Agathea Coelestis (Blue Daisy). 40 in. ¼ oz., 40c	.25	1.20
Agrostemma Coronaria Atrosanguinea (Rose Campion). Deep blood-red, 28 in.	.10	.30
Coronaria, Mixed	.10	.20
Flos Jovis. Carmine-rose, 16 in.	.10	.40
Hybrida Walkeri. Brilliant rosy-purple, 16 in.	.10	.40
Allium Pulchellum. × Brilliant loose clusters of reddish lilac flowers, August, 16 in. ¼ oz., 80c	.35	2.80
Allwoodii, see Dianthus.		
Alyssum Argenteum. × Yellow-flow'r'd, 24 in. ¼ oz., 50c	.50	1.80
Rostratum. Yellow, 16 in. ¼ oz., 70c	.25	....
Saxatile Compactum (Gold Dust). 12 in. ¼ oz., 25c	.15	.80
Sulphureum. Sulphur-yellow, 15 in. ¼ oz., 25c	.15	.80
Serpyllifolium. Yellow, 6 in. ¼ oz., $1.20	.35	4.20
Rock Garden Perennial Species, Mixed. ¼ oz., 1.00	.35	....

	Trade pkt.	Oz.
Ampelopsis Veitchi, Boston Ivy. Clean seed. Lb., $2.00	$0.10	$0.20
Anchusa Angustifolia. Navy-blue, 36 in. ¼ oz., 45c	.25	1.40
Italica, Dropmore Variety. Large, Gentian-blue, excellent perennial for cutting, 6 ft. . lb., $4.00	.15	.40
Dwarf Dropmore Variety. Neat habit, flowers brighter blue than preceding. 3 ft. ¼ oz., 85c	.25	3.00
Lissadell. Clear gentian-blue. 6 ft.	.15	.60
Myosotidiflora. × Beautiful Forget-Me-Not-blue, 15 in. ¼ oz., $1.40	.50	5.00
Anemone (Windflower), Coronaria. Blue. 18 in. ¼ oz., 40c	.25	1.40
His Excellency. × Single, scarlet, 1 ft. ¼ oz., 45c	.25	1.40
The Governor. × Double bright scarlet. ¼ oz., 70c	.35	2.40
St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in. ¼ oz., 85c	.35	2.80
Pulsatilla. × Violet-lilac, 12 in. ¼ oz., 60c	.25	2.20
Rubra. × Red, 12 in. ¼ oz., 90c	.35	....
Sylvestris. × White, large-flowered, 12 in. ¼ oz., 50c	.25	1.60
Anthemis Kelwayii (Hardy Marguerite). Daisy-like yellow blossoms, produced all summer, 3 ft.	.15	.50
Kelwayii Alba. Hardy white Marguerite, 3 ft.	.15	.60
Montana. × Charming species producing pure white flowers in abundance, 12 in. ¼ oz., 40c	.25	....
Tinctoria. Very useful yellow border plant, 2 to 3 ft.	.15	.50
Perry's Variety. Pale golden yellow, 2 ft. ¼ oz., 40c	.25	1.40
Sancta Johannis. Golden yellow	.50	....
Antirrhinum Asarina. × A very free flowering, creeping cream colored snapdragon for sunny rock gardens and dry walls, 6 in. ⅛ oz., 75c	.25	....

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.

Seeds of Biennials and Hardy Perennials



AQUILEGIA—Mrs. Scott Elliott's Strain.

ARMERIA Ruby.
Tr. pkt., 50c; ⅛ oz., $1.00.

ARABIS Alpina.
Tr. pkt., 10c; oz., 40c.

AQUILEGIA × (Columbine)

	Trade pkt.	Oz.
Alpina. Blue, 24 in. ¼ oz., 50c	$0.25	$1.80
California Hybrids. Mixed. 3 ft. ¼ oz., 50c	.25	1.80
Canadensis. Old rose with yellow, 30 in. ¼ oz., 50c	.25	1.80
Chrysantha. Light chrome-yellow, fine, 36 in. ¼ oz., 45c	.25	1.60
Fl. Pl., 60 to 70 per cent of light chrome-yellow double flowers, 36 in. ⅛ oz., 65c	.25	....
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft. ¼ oz., 50c	.25	1.80
Clematiflora. European novelty. Spurless. 1/64 oz., $1.80	.50	....
Coerulea. × Blue, Rocky Mt. Columbine, ¼ oz., 50c	.25	1.80
Mrs. Nicholls. Deep blue and bolder flower than Coerulea. ¼ oz., $1.25	.50	4.40
Rose Queen. Shades of rose with white center, 30 in. ¼ oz., 50c	.25	1.80
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer. ¼ oz., 50c	.25	1.80
Flabellata Nana Alba. Pure white early flowering 12 inch. ¼ oz., $1.20	.35	4.00
Glandulosa Vera. Enormous, spurless flowers of the loveliest and purest sapphire with white centers, 12 to 18 in. 1/16 oz., $1.80	.75	....
Jaetschaui. Large yellow with red spurs, 36 in. ¼ oz., 60c	.25	2.20
Longissima. Long spurred delicate yellow.	.75	....
Long-Spurred Blue Shades. ¼ oz., 80c	.35	2.80
Copper Queen. Copper red, straw colored corolla, 18 in. ¼ oz., $1.00	.35	3.60
Crimson Star. Crimson, white corolla. ⅛ oz., 1.20	.50	....
Orange and scarlet shades. ¼ oz., 85c	.35	3.00
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. lb., $32.00; ¼ oz., $1.00	.35	3.60
Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine. ¼ oz., 70c	.25	2.40
Skinneri. Scarlet spurs with yellowish-green corolla. ¼ oz., 60c	.25	2.20
Vulgaris Compacta Edelweiss. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring. ¼ oz., 70c	.25	....
Double White. 30 in. ¼ oz., 50c	.25	1.80
Double Old Rose. 36 in. ¼ oz., 70c	.25	2.40
Vaughan's Special Mixture. ¼ oz., 80c	.35	2.80
Arabis × Alpina. White, 1 ft. lb., $4.80	.10	.40
Alpina Grandiflora Superba. × Large white, 1 ft.	.15	1.00
Nana Compacta. × 8 in. ¼ oz., 60c	.25	2.00
Rosea, Pink. 1 ft. ⅛ oz., $1.00	.35	....
Billiardieri Rosea. Dwarf, pink, 8 in. 1/32 oz., 1.20	.50	....
Arenaria Montana. × White, 12 in. ⅛ oz., 1.20	.50	....
Aristolochia Sipho (Dutchman's Pipe). Large-leaved.	.25	1.20
Tomentosa. Small leaf.	.15	.80
Armeria × Alpina. Deep rose, 12 in. ⅛ oz., $1.20	$0.50	....
Formosa. Red, 2 ft. ¼ oz., 50c	.25	$1.60
Formosa Hybrida. 2 ft. ¼ oz., 40c	.25	1.40
Giant Pink. Immense flowers borne on long, stout stems. ⅛ oz., $1.00	.50	....
Laucheana. Rosy crimson, 9 in. ¼ oz., 90c	.35	3.20
Maritima. Lilac-rose, 12 in. ¼ oz., 90c	.35	3.20
Ruby. Deep rose-colored flowers, 24 in. ⅛ oz., $1.00	.50	....
Arnica Montana (Mountain Tobacco or Snuff). × Yellow, fragrant, 20 in. ¼ oz., 50c	.25	1.80
Asclepias Tuberosa (Butterfly Weed). Orange, fine, 24 in. ¼ oz., 60c	.35	2.00
Asparagus Verticillatus. Hardy Climbing Asparagus. Red berries. ¼ oz., 50c	.25	1.80
Asperula Hexaphylla. White, excellent for cutting, 3 ft.	.15	.80
Odorata (Woodruff). Very odoriferous, white, 12 in.	.15	.80
Asphodelus Luteus. Yellow, fragrant, 3 ft. ¼ oz., 50c	.25	1.80
Aster Perennial. Large-Flowering Varieties, mixed. ¼ oz., 65c	.35	2.20
Alpinus Light blue. 1 ft. ¼ oz., 65c	.35	2.20
Albus. Pure white. 1 ft. ¼ oz., 70c	.35	2.60
Dark Beauty. Deep blue, 1 ft. ⅛ oz., $1.50	.50	....
Goliath. × Soft blue, 15 in. ¼ oz., 80c	.35	2.80
Nixe. × Light blue, 12 in. ¼ oz., 90c	.35	3.20
Ruber. Rosy lavender (varies)	.75	....
Mixed, 15 in. ¼ oz., 65c	.35	2.20
Amellus Hybridus. A good mixture, 30 in. ¼ oz., 70c	.35	2.40
Beauty of Ronsdorf. Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept.; 30 in. ¼ oz., 90c	.50	3.20
Roseus. Very like the Beauty of Ronsdorf, except in color, which is a clear rose. 30 in. ¼ oz., 90c	.50	3.20
Farreri. × Color is a soft tone of violet-mauve, with large golden orange disk, and flowers are from 2 to 3 inches across. June and July; creeping. ¼ oz., 70c	.35	2.60
Rotundifolius. × Bright yellow discs are surrounded with ray florets of a fine forget-me-not blue, 6 in. ⅛ oz., 70c	.50	....
Sub-Coeruleus. Star of Eisenach. × Bright lavender-blue Marguerites with yellow centers measuring more than four inches across, May and June. ¼ oz., $1.20	.35	4.00
Yunnanensis. Brilliant lilac-blue, flowers in early summer, 15 in. 1/16 oz., $1.00	.50	....
Aubrietia × Large-Flowered Hybrids. Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in. ¼ oz., 50c	.25	1.60
Bougainvillei. × Dark blue, 6 in. ¼ oz., 75c	.35	2.40
Deltoidea. × Lilac, 6 in. ¼ oz., 60c	.25	2.00
Eyrii. × Free flowering, blue. ¼ oz., 60c	.25	2.00
Graeca. Violet, large, 6 in. ¼ oz., 50c	.25	1.80
Leichtlini. × Large-flowered, rosy purple. ⅛ oz., 50c	.25	....

Rock Plants are followed by × and the heights given are of the plants when in bloom.

BELLIS Perennis Fl. Pl. Superbissima Giant.

CAMPANULA Medium (Canterbury Bells).

Seeds of Biennials and Hardy Perennials

AUBRIETIA—Continued		Trade pkt.	Oz.
Rosea Grandiflora. × Pink, 6 in.	⅛ oz., 40c	$0.25	....
Whitewell Gem. × Purple, 6 in.	⅛ oz., 50c	.25	....
Auricula. See Primula.			
Baby's Breath. See Gypsophila Paniculata.			
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft., lb., $4.00		.10	$0.30
Bellis Perennis × or English Daisy, 6 in...			
Longfellow. Double dark rose	¼ oz., 40c	.25	1.40
Snowball. Double white	¼ oz., 40c	.25	1.40
White with red center	⅛ oz., 60c	.25	....
Monstrosa, double pink	¼ oz., 60c	.25	2.20
Double crimson. New	¼ oz., $1.40	.50	....
Double red (dark rose)	¼ oz., 85c	.35	2.80
Double white	¼ oz., 60c	.25	2.20
Double mixed	¼ oz., 50c	.25	1.80
Superbissima Giant White—The largest flowered white		.75	....
Superbissima Giant Rose		.75	
Tubulosa Aetna. Rich deep red	¼ oz., 85c	.35	3.00
Bernina, white passing to pink	⅛ oz., 90c	.35	....
Glory of Frankfurt, brilliant dark red	⅛ oz., $1.20	.50	....
Monterosa, rose	⅛ oz., 90c	.35	....
Titlis, carmine	⅛ oz., 90c	.35	....
Mixed	⅛ oz., 90c	.35	....
Vaughan's Special Mixture	⅛ oz., 90c; ¼ oz., $1.50	.50	
Betonica Grandiflora. Red-purple flower heads, 1 ft.	¼ oz., 60c	.25	....
Bidens Atrosanguinea. The black Dahlia, 2 ft.	¼ oz., 60c	.25	2.20
Bignonia Radicans (Trumpet Vine). Dark red, orange throat		.15	.50
Bocconia Japonica (Plume Poppy). 5 ft.		.10	.40
Boltonia Asteroides. White daisy flowers, 4-6 ft.	¼ oz., 85c	.35	3.00
Latisquama. Delicate pink, 4-5 ft	¼ oz., 60c	.25	2.00
Nana. Dwarf, 3 ft.	¼ oz., 70c	.25	....
Buddleia Veitchiana. Butterfly Bush. 5 ft.	¼ oz., 50c	.25	1.60
Buphthalmum Cordifolium (Speciosum). Orange-yellow flowers with brown centers, 36 in.	¼ oz., 40c	.25	1.40
Salicifolium. Yellow, 18 in.	¼ oz., 40c	.25	1.40
Calamintha Alpina. × Blue, 6 in.	1/16 oz., 80c	.50	....
Callirhoe Involucrata. × Crimson, 6 in.	¼ oz., 70c	.25	2.60

CAMPANULA

Alliariaefolia. Creamy white. A desirable border plant. 2½ ft.	¼ oz., 60c	.25	2.00
Collina. A new perennial bell-flower of upright, compact, bushy habit. Plants grow 8 inches high, and in May and June are thickly covered with intense campanula blue pendant flowers. Excellent for edging, rockery and alpine gardens as well as in larger spaces		.50	....

CAMPANULA—Continued		Trade pkt.	Oz.
Carpatica × (Hare Bell). Blue, 9 in.	¼ oz., 25c	$0.15	$0.80
Alba. × White, 9 in.	¼ oz., 25c	.15	.80
Mixed. ×	¼ oz., 20c	.10	.60
Fragilis. Blue Star of Bethlehem. Blue, splendid for hanging baskets	1/32 oz., $1.00	.50	....
Garganica. × Dwarf trailer, flowers blue. 4 in.	1/32 oz., $1.80	.75	....
Glomerata Superba. (Clustered Bellflower). Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. June-July. 20 in.	⅛ oz., 65c	.35	4.00
Acaulis. Clusters of amethyst violet flowers, 6 in.	¼ oz., $1.20	.35	4.00
Lactiflora Coerulea. Light blue, 3 ft.	¼ oz., 50c	.25	1.80
Latifolia Macrantha. Blue, large-flowered, 40 in	¼ oz. 40c	.25	1.40
Medium Calycanthema, Cup and Saucer. Blue, Lilac, White, Pink, 36 in., each	¼ oz., 40c	.15	1.40
Calycanthema Mixed	¼ oz., 40c	.15	1.20
Medium Dwarf Canterbury Bells. A neat dwarf compact type about twenty inches high with glorious giant flowers of various colors. It is very floriferous and is ideal for spring bedding. Mixed	¼ oz., 60c	.25	2.00
Medium, Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each	lb., $4.00	.10	.40
Single Mixed	lb., 3.00	.10	.30
Double, Blue, 32 in	¼ oz., 25c	.15	.80
Rose	¼ oz., 25c	.15	.80
White	¼ oz., 25c	.15	.80
Double Mixed	¼ oz., 25c	.15	.80
Double and single mixed		.15	.60
Persicifolia Alba. White, fine, 30 in.	¼ oz., 50c	.25	1.80
Alba Plena. Double white, 30 in.	¼ oz., 75c	.35	2.60
Grandiflora Fl. Pl. Moerheimi. Flowers large, semi-double, cup-shaped, pure white. 2 ft.	⅛ oz., $1.40	.50	....
Coerulea. Blue, 30 in.	¼ oz., 50c	.25	1.80
Coerulea Plena. Double blue, 30 in.	¼ oz., 85c	.35	3.00
Telham Beauty. Very large bells of China blue, 30 in.	⅛ oz., $1.20	.35	....
Single mixed	¼ oz., 50c	.25	1.80
Pusilla. × Light blue bells. Very free blooming, July, 4 in.		.50	....
Pyramidalis Alba. White, 5 ft.	¼ oz., 50c	.25	1.60
Blue. Lavender-blue, 5 ft.	¼ oz., 45c	.25	1.40
Mixed	¼ oz., 45c	.25	1.40
Raineri. Charming Alpine plant, erect blue flowers, 3 in.		.75	....
Rotundifolia. × Slender branching stems, covered with dainty frail blue flowers, 6-12 in.	¼ oz., $1.20	.35	
Olympica × Light blue. 10 to 12 in.	1/16 oz., 1.00	.50	
Trachelium (Coventry Bells). Crowded heads of lavender-blue flowers, 2-3 ft.		.15	.80

Rock Plants are followed by × and the heights given are of the plants when in bloom.

CARNATION Grenadin.

SHASTA DAISY—Double Giant.

Seeds of Biennials and Hardy Perennials

CAMPANULA—Continued

		Trade pkt.	Oz.
Turbinata. × Forms close mats of foliage and bearing large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it	¼ oz., 60c	$0.25	$2.20
Alba. × White, 18 in.	¼ oz., 60c	.25	....
Perennial Varieties. Mixed	¼ oz., 40c	.25	1.40
Rock Garden Varieties. Mixed	¼ oz., 60c	.25	2.20
Candytuft × Gibraltarica. 1 ft. Large flowers, lilac shaded to white	¼ oz., 25c	.15	.80
Jucunda. (Lebanon Candytuft). Dwarf pink, 4 in.	⅛ oz., $1.50	.35	....
Queen of Italy. Dwarf evergreen foliage, rosy lilac, 10 in.		.15	.60
Sempervirens, 12 in. White	¼ oz., 40c	.25	1.40
Tenoreana, 16 in. Lilac and white		.15	.60
Canterbury Bells. See Campanula Medium.			
Carnation, Vienna Dwarf. Mixed	¼ oz., 50c	.25	1.80
Vienna Dwarf. White	¼ oz., 60c	.35	2.20
Pink. 20 in	¼ oz., 60c	.35	2.20
Grenadin Red. Half high. 20 in.	¼ oz., 60c	.25	2.00
Red. Dwarf. 14 in.	¼ oz., 65c	.35	2.40
Golden Sun. Golden yellow	¼ oz., $1.00	.35	3.60
White, 20 in.	¼ oz., 60c	.35	2.20
Pink, 20 in.	¼ oz., 60c	.35	2.20
Tausendschon. Soft salmon-rose to bright pink.	¼ oz., 65c	.35	2.40
King of the Blacks. Darkest red, very fine. 20 in.	¼ oz., 60c	.35	2.20
Mixed	¼ oz., 50c	.25	1.80
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers, 30 in.		.25	1.20
Catananche Coerulea. Blue, with dark eye, fine, everlasting, 30 in.		.25	1.30
Coerulea Alba. White, dark eye, 30 in.		.25	1.30
Centaurea Dealbata. Rose, 18 in.	¼ oz., 40c	.25	1.40
Macrocephala. Golden yellow, 36 in.	¼ oz., 35c	.20	1.00
Montana. Corn-flower blue, 24 in.	lb., $5.00	.15	.50
Alba. White, superb large flowers, 24 in.		.15	.60
Pulcherrima. Rosy lavender. 15 in.	¼ oz., $1.50	.50	....
Ruthenica. Light yellow, 4 ft.	¼ oz., 60c	.25	2.20
Perennial sorts mixed	¼ oz., 40c	.25	1.40
Cephalaria Alpina. Sulphur-yellow, 5 ft.	¼ oz., 40c	.15	1.40
Cerastium × Tomentosum (Snow in Summer). Silvery white foliage, white flowers, 16 in.	¼ oz., 40c	.25	1.40
Cheiranthus Allionii. Brilliant orange, 16 in.		.10	.30

CHEIRANTHUS—Continued

		Trade pkt.	Oz.
Allionii Golden Bedder. A deep golden yellow. The individual flowers are larger than the Allioni. It is sweetly scented, long flowering (especially if the seed pods are not allowed to form) and it may be sown in late summer, autumn or early spring.	¼ oz., 25c	$0.15	$0.80
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to golden and violet, 30 in.	¼ oz., 50c	.25	1.80
Linifolius. Lilac, 18 in.	¼ oz., 40c	.15	1.20
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft.		.10	.60
Barbata Praecox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower	3 to 4 ft.	.10	.60
Torreyi. Brick-red, 4 ft.	¼ oz., 30c	.15	1.00
Hybrida. Mixed, 4 ft.		.10	.60
Nana. Dwarf Mixed, 16 in.	¼ oz., 50c	.25	1.60

CHRYSANTHEMUM

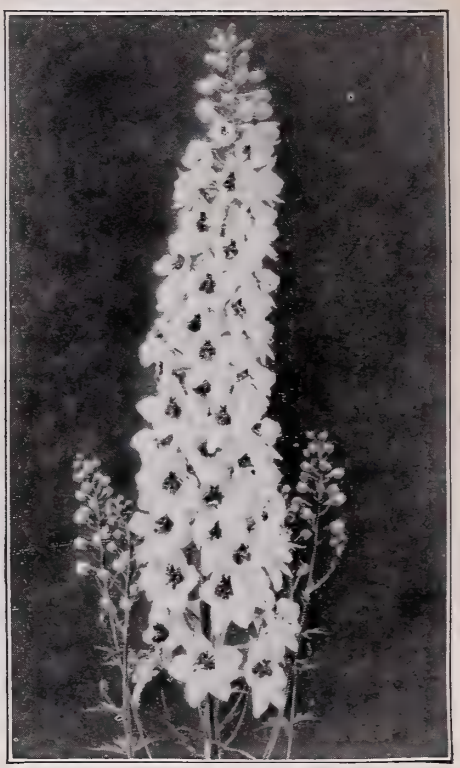
Leucanthemum (Spring Marguerite). Early flowering, 36 in., "Mother's Day."		.15	.60
Maximum Avalanche. Forms compact bushes 2 ft. high; above dark green foliage appear a profusion of large white Marguerites, practically covering the plant	¼ oz., 25c	.15	.80
Dwarf Bouquet. A new dwarf perennial that blooms from seed the first year. Forms a bouquet of pure white flowers in a dainty and elegant manner. The blooms have very small centers. Plants are 12-15 inches tall. The stems come from the base and do not branch		.50	....
King Edward VII		.15	.80
Laciniatum, Comet Marguerite white, 3 ft.	¼ oz., 30c	.15	1.00
Mrs. C. Lothian Bell. Single white, 3 ft.	¼ oz., 40c	.25	1.40
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers		.15	.80
Conqueror (Victor). Giant flowered white	¼ oz., 25c	.15	.80
Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double	⅛ oz., $2.00	1.00	...
Mawii. Rich pink flowers two inches across, silvery foliage, 1 ft.	¼ oz., $1.40	.35	....
Clematis Paniculata. Small, sweet-scented, white flowers	lb., $3.40	.10	.30
Recta Grandiflora. Flowers much larger than those of the type; pure white; fine cut flower	lb., $6.00	.15	.80
Columbine. See Aquilegia.			

Rock Plants are followed by × and the heights given are of the plants when in bloom.

In our Trial Grounds we have grown Delphinium Iceberg and Summer Cloud, and they both look as though they were the same strain. Iceberg is really superior to Summer Cloud in growth, but the flower spikes and color are identical. They both belong in the Belladonna group because they have slender spikes of blooms. They are good for percentage of white.

COREOPSIS Double Sunburst.
Tr. pkt., 15c; ¼ oz., 25c; 1 oz., 80c.

DELPHINIUM—Gold Medal Hybrids.



DELPHINIUM Blackmore and Langdon Strain.
Tr. pkt., 50c; ¼ oz., 85c; 1 oz., $3.00.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Coreopsis Lanceolata Grandiflora. Golden-yellow, 3 ft. ..... lb., $2.80	$0.10	$0.30
Lanceolata Grandiflora Fl. Pl. (Semi-double-flowering Coreopsis), 3 ft. ..... lb., $4.20	.10	.40
Auriculata Superba. Dark yellow with band of brownish red around disc. 3 ft.	.15	.60
Double Sunburst (Double New Gold). Large double flowers 1½ to 2 in. across ..... ¼ oz., 25c	.15	.80
Mayfield Giant. Taller and more vigorous than the type, with longer and firmer stems and larger individual blooms, of which the ray petals are broader and form a more perfect corolla.	.15	.60
Corydalis × Cheilanthifolia. Fern-like foliage, golden-yellow flower spikes. April-Oct. 20 in. 1/16 oz., $1.00	.50	....
Crucianella × Stylosa. Light red, 18 in.	.10	.50
Cyclamen × Europaeum. The well known red flowering Alpine violet. 4 in. 100 seeds, 55c; ..... 1000 seeds $4.20	...	....
Neapolitanum. Calyx small; corolla pink or rarely white, the segments short and twisted and the edges raised and white-edged at the base. ..... 100 seeds, 50c; 1000 seeds, $4.00	...	....
Cynoglossum Nervosum. Large blue flowers. . ⅛ oz., 90c	.35	....
Daisy, Shasta, Alaska. Best white, American-grown, 40 in. ..... ¼ oz., 30c	.15	1.00
Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months ..... ⅛ oz., $1.80	.50	12.00
Westralia. Very large and early. White. 40in. ¼ oz., 30c	.15	1.00
White Lady. Earlier than Giant Double but not as large, produces quite a number of flowers the first year if sown early. The percentage of doubles is about 50% ..... ¼ oz., 85c	.35	3.00
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.		

DELPHINIUM

	Trade pkt.	Oz.
Blackmore and Langdon Strain. Tall, graceful spikes of bloom, covered from top to bottom with captivating blooms in charming color combinations. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. ..... ¼ oz., 85c; lb., $32.00	.50	3.00

DELPHINIUM—Continued

	Trade pkt.	Oz.
Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. ..... lb., $60.00; ¼ oz., $1.40	$0.50	$5.00
Wrexham Strain. Art shades ..... ¼ oz., 1.65	.75	6.00
Deep Blue Shades ..... ¼ oz., 1.65	.75	6.00
Light Blue Shades ..... ¼ oz., 1.65	.75	6.00
Mid-Blue Shades ..... ¼ oz., 1.65	.75	6.00

One of our growers who is a specialist in the culture of Delphinium seed has been at work on an improved strain of hybrids and has segregated different colors into various shades which we offer as follows:

	Trade pkt.	Oz.
☞ XXX Light Blue Shades ..... ¼ oz., 90c	$0.50	$3.00
XXX Dark Blue Shades ..... ¼ oz., 90c	.50	3.00
XXX Mid-Blue Shades ..... ¼ oz., 90c	.50	3.00
XXX Pastel Shades ..... ¼ oz., 90c	.50	3.00
Double Selecta. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation ..... ¼ oz., $1.50	.50	5.50
Gold Medal Hybrids. An extra choice strain. Lb., 14.00	.25	1.40
Vaughan's Special Mixture. Perennial varieties. ..... ¼ oz., $1.20	.50	4.00
Pacific Giant Blue Shades (Vetterlee and Reinelt.) This new strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market ..... ⅛ oz., $2.00; ¼ oz., $3.50; ½ oz., $7.00	1.00	12.00
Giant Double White (Vetterle and Reinelt.) Flowers well spaced and of good texture with a branching habit of growth. Cheese cloth protection when blooming will keep the whiteness of flowers unmarred by dust or insects ..... ⅛ oz., $2.25	1.50	....
Belladonna. Light blue, 4 to 5 ft. . . lb., $14.00; ¼ oz., 50c	.25	1.60
Blue Grotto. Deep blue, bee royal purple with cream center ..... ¼ oz., 90c	.35	3.20
Light Blue, Improved, 4 to 5 ft. ..... lb., $24.00	.35	2.00
Hybrids. Light and dark blue. 4 to 5 ft. ¼ oz., 50c	.25	1.40
Bellamosum Improved, 4 to 5 ft., very choice. . ¼ oz., 60c	.35	2.20

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

DAISY Shasta Alaska.

DIANTHUS PLUMARIUS (Clove Pink).

DIANTHUS BARBATUS (Sweet William).

DELPHINIUM—Continued	Trade pkt.	Oz.
Cardinale. Scarlet, 30 in. ¼ oz., 60c	$0.35	$2.20
Chinese Album Grandiflorum. White, 36 in.	.15	.80
Azureum Grandiflorum. Blue, 36 in. lb., $8.00	.15	.80
Cambridge Blue ¼ oz., 60c	.35	2.20
Mixed	.15	.70
Azure Fairy. Soft azure-blue, 20 in.	.20	1.00
Tom Thumb Ultramarine. A dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue, 1 ft.	.20	1.00
Elatum Hybridum Indigo, True Blue (better than D. Formosum). 5 ft ¼ oz., 80c	.35	2 80
Double Hybrids. Fine mixed ¼ oz., 50c	.25	1.80
Hood Acres. White. A fine American variety. ¼ oz., $1.60	.50	5.50
Lamartine. Splendid Gentian blue; single, 30 in. ¼ oz., 2.25	.75	....
Iceberg. In the second year when the plants are fully grown the big white spikes are particularly beautiful. 4 ft. ¼ oz., $1.25	.35	4 00
Summer Cloud. White, fine ¼ oz., 1.40	.50	5 00
Formosum. Dark blue, 5 ft ¼ oz., 60c	.25	2.00
Nudicaule. × Brilliant scarlet with peach-red interior, 30 in. ¼ oz., 70c	.35	2.60
Lemon Gem. 18 in. ¼ oz., $1.00	.35	3.60
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft. ¼ oz., $1.20	.50	4.00

DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in.	.15	.80
Roseus. Pink ¼ oz., 50c	.25	1.80
Nigrescens. Almost black	.15	1.20
Salmon Rose, new ¼ oz., 70c	.25	2.40
White ¼ oz., 40c	.25	1 40
Double Mammoth Flowered. Mixed ¼ oz., 50c	.25	1.80
Dwarf Midget Mixed ¼ oz., 50c	.25	1.80
Single Albus. White	.15	.50
Blood-red (Atrosanguineus)	.15	.60
Copper-Red	.15	.60
Diadematus. Crimson with white eye	.15	.60
Garnet Red with a white eye	.15	.80
Giant Auricula Eyed. White ground ¼ oz., 40c	.20	1.20
Giant White. A very large variety. White flowers are especially popular and lend a cool looking effect in the garden, balancing the color harmony. ¼ oz., 40c	.20	1.20
Nigrescens. Very dark, almost black	.15	.50
Newport Pink. Salmon-pink lb., $5.00	.15	.50
Pink Beauty. Clear pink lb., 5.00	.15	.50
Purple Beauty. Bright deep purple ¼ oz., 35c	.15	1.00
Scarlet Beauty. Scarlet ¼ oz., 25c	.15	.80
Turkey-Red	.15	.80
Single Dwarf Midget Mixed ¼ oz., 90c	.35	3.00
Superb Mixture of New Colors ¼ oz., 25c	.15	.80

DIANTHUS BARBATUS Single—Continued	Trade pkt.	Oz.
Mammoth Flowered. Single mixed lb., $5.00	$0.15	$0.50
Vaughan's Special Mixture. Double and single ¼ oz., 60c	.35	2.00
Barbatus × Chinensis (Annual Sweet William). Mixed. Blooms from seed the first year	.15	.60

DIANTHUS PLUMARIUS—Clove Pinks ×

	Trade pkt.	Oz.
Plumarius Double. Fine mixed ¼ oz., 40c	$0.15	$1.40
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant ¼ oz., 85c	.35	3.00
Scoticus fl. pl. Double-Scotch. Mixed. An extra choice strain ¼ oz., 85c	.35	3.00
Cyclops. Red Hybrids ¼ oz., 25c	.15	.80
Semperflorens. Double and Semi-Double Mixed. ¼ oz., 30c	.15	1.00
Albus Plenus. Double white ¼ oz., 60c	.25	2.20
Highland Rose Queen. Lustrous scarlet vermilion color. ⅛ oz., $1.60	.50	....
Highland Rose Queen Hybrids ¼ oz., 90c	.35	3.20
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone and quite 50% of them are double. ⅛ oz., $1.00	.50	....
Double Early-Flowering. Dwarf Mixed 10 in. ¼ oz., 40c	.25	1.40
Vaughan's Special Mixture ¼ oz., 60c	.35	2.00

DIANTHUS—SORTS

Allwoodii. × 18 in. Mixed colors ⅛ oz., $1.00	.35	....
Alpinus. Mixed colors × Blooms first year from seed. 4 to 8 in. ⅛ oz., $1.00	.35	....
Arenarius. Sand Pink. Small white fringed flowers. 8 in. ⅛ oz., 50c	.25	3.00
Caesius (Cheddar Pink). × Dense tufts of glaucous blue foliage and large rose-colored flowers, July, 6 in. ¼ oz., 40c	.15	1.20
Deltoides Albus. White ¼ oz., 50c	.25	1.80
Brilliant (Maiden Pink). × Rose. 8 in. ¼ oz., 50c	.25	1.80
Major Stern's Variety. Bright crimson, dark foliage. ¼ oz., 70c	.25	2.40
Graniticus. × Carmine. 9 in. ¼ oz., 40c	.25	1.40
Knappi. Clusters of clear golden-yellow flowers appear above the grassy green foliage. ⅛ ox., $1.50	.50	....
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high	.15	.80
Loveliness. The flowers have large lacerated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance. 1/16 oz., $1.50; pkt. (1,000 seeds),	.50	....

Seeds of Biennials and Hardy Perennials

DICTAMNUS (Gas Plant).

MYOSOTIS Alpestris Blue Basket.

DIGITALIS (Foxglove).

DIANTHUS—Continued	Trade pkt.	Oz.
Neglectus × (Glacier Pink). Fiery red, 3 in. ..... 1000 seeds, $2.40; 100 seeds, 30c	....	....
Rose Cushion. From a little cushion of grey-green foliage that is evergreen in character, hundreds of straight stems arise and in late May the flowers appear as if by magic. The color is pure pink, flowers about ¾ in. across, plants about 3 to 4 in. tall. ..... 1/32 oz., $1.00	$0.50	....
Sweet Wivelsfield Single mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft. ..... ¼ oz., 25c	.15	$0.80
Sweet Wivelsfield Double mixed. ..... ¼ oz., 70c	.35	2.40
Best rock work species mixed × ..... ¼ oz., 60c	.25	2.00
Vaginatus. Fine rock plant, cardinal flowers.	.35	....
Winteri. A new pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., ⅛ oz., $1.40	.50	....
Dicentra Eximia. (Plumy Bleeding Heart.) Dwarf. 12 in. ..... ¼ oz., 85c	.50	3.00
Dictamnus Fraxinella (Gas Plant). Pink, 30 in. ..... ¼ oz., 40c	.25	1.40
Fraxinella Albus. White, 30 in. ..... ¼ oz., 40c	.25	1.40
Mixed	.20	1.20
Dielytra Spectabilis. (Bleeding Heart.) 32 in. ..... ¼ oz., $1.90	.50	7.00
DIGITALIS (Foxglove)		
Canariensis. Canary-yellow. 3 ft. ..... ¼ oz., 1.40	.50	5.00
Hybrida Lutzii. Salmon hybrids. 4 ft. ..... ¼ oz., 40c	.25	1.20
Gloxiniaflora. Spotted flowers, mixed, 4 ft. ... lb., $4.00	.15	.40
Alba. White ..... lb., 4.80	.15	.50
Purple ..... lb., 4.80	.15	.50
Rose ..... lb., 4.80	.15	.50
Isabellina. Light chamois. ..... ¼ oz., 25c	.15	.80
Shirley Hybrids. Mixed. 6 to 7 ft. ..... lb., $5.00	.15	.50
Grandiflora. Chrome-yellow (Ambigua), 36 in.	.20	80
Maculata Iveryana. Spotted varieties, 4 ft.	.15	.50
Purpurea Monstrosa. Mixed, 3 ft.	.15	.60
Vaughan's Special Mixture ..... lb., 6.00	.15	.60
Doronicum Caucasicum. Yellow, early. 2 ft. ..... Seed germinates slowly ..... 1/16 oz., 2.00	1.00	....
Bunch of Gold. Bright canary colored, long stemmed Marguerites. May and June. 24-32 in.	.75	....
Echinacea Purpurea Hybrida (Cone Flower). Mixed. ..... ¼ oz., 50c	.25	1.70

FORGET-ME-NOT × (Myosotis)	Trade pkt.	Oz.
Alpestris Blue Basket. Plants grow upright and are splendid for borders or cutting. Dark blue flowers. ..... ¼ oz., 60c	$0.25	$2.00
Blue Eyes. Compact grower, flowers appear early, large bright blue with white eye ..... ¼ oz., 80c	.35	2.80
Indigo Blue (Royal Blue). 12 in. ..... ¼ oz., 40c	.15	1.40
Blue Compacta ..... ¼ oz., 50c	.15	1.80
Messidor. Deep blue, long stems, 12 in. .. ¼ oz., 50c	.15	1.80
Rosea. 12 in.	.15	.80
Victoria. Dwarf globular strain. 8 in.:		
Sky blue. Excellent variety ..... ¼ oz., 60c	.25	1.80
Indigo Blue. Fine dark blue ..... ¼ oz., 60c	.25	2.00
Rosea. Pink ..... ¼ oz., 70c	.25	2.40
White ..... ¼ oz., 65c	.25	....
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft. ..... ¼ oz., 50c	.15	1.80
Pink Bouquet. A companion to the above, only the flowers are a charming pink. 1 ft. .. ¼ oz., 60c	.25	2.00
Indigo Blue Bouquet. Same type as above with rich dark blue flowers. 1 ft. ..... ¼ oz., 70c	.25	....
Bouquet mixed ..... ¼ oz., 75c	.25	....
Dissitiflora. Rich blue, early and compact, 1 ft. ..... ¼ oz., 90c	.35	....
Palustris. The true Swamp Forget-Me-Not. ¼ oz., 45c	.15	1.60
Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft. ..... ¼ oz., 50c	.25	1.80
Oblongata Perfecta. Vaughan's Early and Late Flowering. Skyblue flowers with a white center, 1 ft. Blooms in three months ..... ¼ oz., 50c	.25	1.40
Blue Bird. A beautiful winter-flowering Forget-Me-Not, 1 ft. ..... ¼ oz., 75c	.35	....
Hybrida Ruth Fisher. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage, 10 in. ..... 1/16 oz., $1.00	.35	....
Star of Love. Dwarf blue, 8 in.	.35	....
Compacta Annemarie. New, large dark blue flowers, compact habit, most beautiful forcing variety. 6 inches high ..... (300 seeds)	1.00	....

Rock plants are followed by × and the heights given are of the plants when in bloom.

GAILLARDIA Grandiflora Maxima Aurea.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Echinops (Globe Thistle) Ritro. Violet, 5 ft. .lb., $3.20	$0.10	$0.30
Edelweiss. × Large-flowered, 6 in. .....1/16 oz., $1.00	.50	
Eremurus Robustus, Pink, 7 ft. .....100 seeds, 30c; 1000 seeds, $2.00		
Himalaicus White. 100 seeds, 30c; 1000 seeds, 2.00		
Mixed.....¼ oz., 70c	.35	2.60
Erigeron Speciosus Hyb. Grandiflorus. Rosy-lilac, 30 in. .....¼ oz., 50c	.25	1.60
Coulteri, White, for cutting; blooms early. ¼ oz., 50c	.25	1.60
Speciosus Hybridus Semi-plenus, semi-double lavender, varies 1⅔ ft.....¼ oz., 90c	.50	3.20
Grandiflorus Elatior. Rosy, 24 in.....¼ oz., 50c	.25	1.60
Erinus × Alpinus. Purple, for borders, 6 in. .1/32 oz., $1.00	.50	....
Eryngium Amethystinum. Amethyst-blue, 3 ft. .....¼ oz., 50c	.25	1.80
Alpinum. The prettiest of this thistle-like group; stems and flower-heads of a splendid steel-blue color. June-July. 32 in.....¼ oz., 60c	.25	2.20
Planum. Dark blue, 4 ft.....	.15	.50
Eupatorium Fraseri. White, 2 ft.....	.15	.80
Euphorbia Corollata. (Wild Baby's Breath.) Resemble Gypsophila but the flowers are larger and more pronouncedly white. Will stand any amount of drought. Pure white flowers, 2 ft. ¼ oz., 85c	.35	3.00
Myrsinites. Grey trailer heads of yellow flowers. 3 in. .....¼ oz., 70c	.25	2.40
Polychroma. The flowers are bright yellow changing to a rosy-bronze. 15 to 18 in.....¼ oz., $1.20	.50	4.00
Francoa Ramosa Hybrida. Bridal Wreath. Pure white elegant flowers. 2½ ft.....	.50	. . .

GAILLARDIA Grandiflora

Bremen. Coppery scarlet with yellow tips. ¼ oz., 45c	.25	1.40
Burgundy. Shining wine-red flowers about 2½ in. in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in.....¼ oz., 50c	.25	1.80
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft.....¼ oz., 40c	.25	1.40
Goblin. The neat plants reach a height of about 12 to 15 inches, and are closely covered with large, showy, yellow bordered deep red flowers.....¼ oz., 90c	.50	....
Maxima Aurea. Very large golden-yellow flowers with large red eye.....¼ oz., 45c	.25	1.35
Portola Hybrids. The flowers are very large, the petals being very broad and overlapping, of great substance, and spread out flat. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft.....	.25	1.40
Tangerine. Large orange-colored flower....¼ oz., 50c	.25	1.60

GAILLARDIA GRANDIFLORA—Continued

	Trade pkt.	Oz.
The King. Special strain enormous flowers of good substance.....¼ oz., 60c	$0.25	$2.00
Torchlight. Golden yellow, rich maroon center. 2 ft... .....¼ oz., 60c	.25	2.00
New Hybrids, mixed.....lb., $5.00	.15	.50

Grasses, Ornamental

Erianthus Ravennae. Plume Grass. 6 to 8 ft.....	.10	.40
Eulalia Jagonica Zebrina. Zebra Grass. 5 ft.....	.15	1.00
Festuca Glauca. True blue grass with dense glaucous tufts. Blue stemmed grass.....¼ oz., 30c	.15	1.00
Gymnothrix Latifolia (Pennisetum Latifolium). 36 in.	.10	.50
Gynerium Argenteum. Pampas Grass.....	.10	.40
Stipa Pennata. Feather Grass. 2 ft.....¼ oz., 60c	.25	2.00
Uniola Latifolia. Spike Grass. 3 ft.....	.15	.50

Garden Heliotrope, see Valeriana.

Gerbera Jamesoni. New Flowerland strain. The finest obtainable.....100 seeds, 40c; 1000 seeds, $3.00	....	....
Gentiana Acaulis. Gentian-blue, fine, 5 in. ¼ oz., 65c	.25	....
Lutea. Yellow, 40 in.....¼ oz., 65c	.25	....
Geum Coccineum Atrosanguineum Pl. × Semi-double, orange-red, 2 ft.....¼ oz., 40c	.25	1.40
Boresi (True). Orange scarlet.....¼ oz., $1.20	.50	4.00
Lady Stratheden × (Golden Ball). The blooms are a rich golden-yellow. 2 ft.....¼ oz., 50c	.25	1.60
Mrs. Bradshaw. × Glowing red. 2 ft....¼ oz., 50c	.25	1.80
Orange Queen. Large double orange scarlet. 2 ft. .....¼ oz., 80c	.35	2.80
Mixed.....¼ oz., 60c	.25	2.00
Gilia Coronopifolia (Ipomopsis Elegans Mixed). 3½ ft. (Standing Cypress.) Very leafy, the divisions being needle-like about one inch long. The flowers are 1½ inches long, trumpet-shape, borne along the side of the summit of the stem, mixed colors. A biennial... .....¼ oz., 40c	.25	1.20
Coronopifolia Red.....⅛ oz., 60c	.25	....
Globularia Trichosantha (Globe Daisy). Dwarf growing with round or globular shaped flowers of pale blue. 12 in.....¼ oz., $1.20	.50	4.00
Golden Rod (Solidago Canadensis). 5 ft..¼ oz., 50c	.25	1.80
Gypsophila Acutifolia. Lilac pink, 4 ft.....	.15	.80
Paniculata. White, 40 in.....lb., $2.80	.10	.30
Fl. Pl. (30 to 40% true), 40 in.....¼ oz., 80c	.35	2.80
Snow-White Double, 2 ft.....¼ oz., $1.20	.50	4.00
Oldhamiana. The light little buds are first almost white but open a lively shade of pink that tends to darken as the flowers mature. Each individual flower measures slightly more than one quarter of an inch in diameter and possesses a white throat. The flowers are fragrant. ¼ oz., 60c	.25	2.00
Pacifica. Tiny pink blossoms on branching panicles. 4 ft.....¼ oz., 80c	.25	2.80
Repens × Dwarf, for rockwork. White, 6 in. ¼ oz., 40c	.25	1.40
Rosea. Pink.....¼ oz., 50c	.25	1.80
Helenium Autumnale Superbum. Yellow..¼ oz., 90c	.25	3.20
Autumnale Hybr. Nanum Praecox. Early-blooming hybrids in bronze and crimson shades. July-Sept. 3 ft.....¼ oz., $1.20	.25	....
Bigelowi. Yellow, for cutting, 20 in.....¼ oz., 70c	.25	2.40
Hoopesi. Yellow, 30 in.....	.15	.80
Hybridum Moerheim Beauty. Bronzy-red....2½ ft. .....¼ oz., 70c	.25	2.40
Riverton Beauty. Lemon-yellow, 4 ft.....¼ oz., 75c	.35	2.80
Riverton Gem. Crimson and old gold. 3½ ft. ¼ oz., 90c	.35	3.00
Helianthemum × Mutabile. Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in.....	.15	.80
Helianthus (Sunflower) Angustifolius. Autumn Glory. Yellow, free-blooming. Good cut-flower, 3 ft. .....¼ oz., 60c	.25	2.20
Harvest Moon (Laetiflorus). Flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yellow color.....¼ oz., 60c	.25	....
Maximilianus. Early-flowering, yellow, 3 ft..... .....¼ oz., 50c	.25	1.80
Perennial Varieties. Mixed.....¼ oz., 60c	.25	2.00
Helichrysum Angustifolium. Yellow, white foliage. .....¼ oz., 40c	.25	1.40

Rock Plants are followed by × and the heights given are of the plants when in bloom.

GYPSOPHILA Oldhamiana.

HELIOPSIS Lemoines Giant.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Heliopsis Laevis Pitcheriana. Golden yellow, 4 ft.	$0.15	$0.60
Laevis Soleil d'Or. Golden yellow, 5 ft	.15	.90
Lemoines Strain. A very brilliant border plant resembling a double sunflower; flowers are double and semi-double golden yellow. A perennial that blooms from seed the first year ¼ oz., 50c	.25	1.80
Scabra Zinniaeflora. Yellow, semi-double, 3 ft. ¼ oz., 40c	.25	1.40
Helleborus Niger. Christmas Rose. Seed germinates very slowly. 15 in. lb., $8.00	.15	.80
Hesperis Matronalis (Sweet Rocket), red, 40 in. lb., $2.00	.10	.20
Matronalis Alba. White, 40 in. lb., 2.00	.10	.20
Heuchera × Sanguinea. Crimson, 30 in. ¼ oz., 1.20	.50	4.00
Sanguinea Splendens. Bright vermilion. ¼ oz., 1.20	.50	4.00
Hybrida Grandiflora. Mixed, 30 in. ¼ oz., 1.20	.35	
Brizoides. Bright rose, 30 in ⅛ oz., 1.50	.50	....
Hibiscus Giant Yellow Sunset or Golden Bowl, 2 ft.	.15	50
Crimson Eye. White with red eye, 4 ft	.15	.60
Mallow Marvels. Mixed, 4 ft. lb., $4.00	.10	.40
Red, 4 ft. lb., 6.40	.15	.60
Rose lb., 6.00	.15	60
Hieracium × Villosum. Yellow, silvery leaves, 12 in.	.50	....
Hollyhocks. Double.		
Appleblossom ¼ oz., 40c	.25	1.20
Blood Red ¼ oz., 40c	.25	1.20
Chamois. Queen of Sheba ¼ oz., 40c	.25	1.40
Crimson lb., $12.00 ¼ oz., 40c	.25	1.20
Lilac Beauty ¼ oz., 40c	.25	1.40
Maroon ¼ oz., 40c	.25	1.20
Deep Rose lb., 12.00 ¼ oz., 40c	.25	1.20
Newport Pink lb., 12.00 ¼ oz., 40c	.25	1.20
Orange Prince. New, distinct color, waxy buff-yellow with wine-red suffused over the lower half so that the effect is light buff-orange ¼ oz., 50c	.35	1.80
Salmon Rose ¼ oz., 40c	.25	1.20
White lb., $12.00 ¼ oz., 40c	.25	1.20
Yellow lb., 12.00 ¼ oz., 40c	.25	1.20
Chater's Prize. Double Mixed lb., $9.00	.25	1.00
Imperator, Improved ("Begonia Flowered" Crested Mixed). New formation, collar of frilled and fringed edges ¼ oz., 50c	.25	1.60
Triumph. Double waved and fringed flowers in delicate art shades ¼ oz., 50c	.25	1.60
Vaughan's Special Mixture including all Doubles, Imperator, Triumph and Allegheny ¼ oz., 50c	.25	1.60
Single Maroon, Pink, Red, Rose, White, Yellow and Salmon, each ¼ oz., 25c	.15	.80

HOLLYHOCKS—Continued	Trade pkt.	Oz.
Single mixed lb., $4.00	$0.15	$0.40
Exquisite. Mixed colors, curled edges ¼ oz., 50c	.25	1.60
Allegheny. Mammoth-flowering, mixed lb., $4.00	.15	.40
Pink Rosette ¼ oz., 50c	.25	1.80
Everblooming Single Hybrids lb., $4.00	.10	.40
Double Hybrids, mixed lb., 5.00	.15	.50
Hyacinthus Candicans. White yucca-like flowers, 4 ft.	.15	.60
Incarvillea Delavayi. Rosy-carmine, 24 in. ¼ oz., 85c	.35	3.00
Grandiflora. Amaranth red, 2 ft	.50	....
Brevipes. Bright deep rose. 2 ft	.50	....
Hybrida Bee's Pink. Large light rose flowers. 18 in.	1.00	....
Inula × Ensifolia. Dwarf, golden, 12 in. ⅛ oz., 60c	.25	....
Glandulosa Grandiflora. Orange. 2 ft. 1/16 oz., 80c	.35	....
Royleana. Large golden yellow ray florets. 2 ft. ¼ oz., 85c	.25	3.00
Iris Kaempferi. Japanese Iris. Most seedlings bloom the second year. 18 in lb., $6.00	.15	.60
Isatis Glauca. Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft	.15	.60
Kenilworth Ivy × Linaria Cymbalaria. Pink. ¼ oz., 40c	.25	1.40
Kudzu Vine. Pueraria Thunbergiana. Fragrant, wistaria-like flowers lb., $3.00	.10	.30
Lathyrus Latifolius (Everlasting Pea). Mixed. lb., 3.20	.10	.30
Latifolius Pink Beauty, very fine, 6 ft. lb., 4.00	.15	.40
Red. Magenta, 7 ft. lb., 4.00	.15	.40
White Pearl, 5 ft. lb., 5.00	.15	.50
Lavandula Vera. True Sweet Lavender	.15	.50
Spica, Munstead Strain. Dwarf compact blue ¼ oz., 70c	.25	....
Liatris Spicata. (Blazing Star.) Purple rose, 20 in. ¼ oz., 60c	.25	2.00
Pycnostachya. Long racemes of brilliant rose purple flowers. Aug. to Oct., 4 ft. ¼ oz., 40c	.25	1.40
Scariosa. Rose-purple, 4 ft. ¼ oz., 70c	.25	2.40
Lilium Auratum. Gold-banded Lily of Japan. 4 to 7 ft. ¼ oz., 50c	.25	1.40
Auratum Platyphyllum. Larger than the above and more heavily marked ¼ oz., 50c	.25	1.80
Backhouse Hybrids. Free flowering. Many unusual shades 100 seeds, 85c; 1000 seeds, $6.00	....	....
Cernuum. Lilac nodding flowers ¼ oz., 50c	.25	1.60
Concolor. Erect fiery scarlet with dark red spots. ¼ oz., 50c	.25	1.80
Henryi. Rich deep orange-yellow. 4 ft. ¼ oz., 60c	.25	2.00
Japonicum (Japanese Lily). Delicate rosy pink. ¼ oz., 50c	.25	1.60
Martagon. Turk's Cap Lily ¼ oz., 60c	.25	2.00
Formosanum. Improved Pure White. This selected strain produces 80% pure white flowers. ¼ oz., 70c	.35	
Formosanum Giant Pure White ¼ oz., 70c	.35	2.60

Rock Plants are followed by × and the heights given are of the plants when in bloom.

LILIUM Formosanum Giant Pure White.

LILIES FROM SEED

The seed can be sown almost anytime, in flats, pans or pots. The soil should be a porous loam of good fertility with no raw manures. A compost of rotted sod and sharp sand, with well rotted organic matter, cannot be improved upon.

For indoor culture, the seed is not to be covered more than ¼ inch with a sandy soil. When large enough to handle, the seedlings should be pricked off into 2 inch pots, and then set out after danger of frost is over.

Some lilies have the habit, under some circumstances, of waiting until the second year before top growth takes place. Often germination takes place the first year with no growth above the surface.

Lilies can be transplanted at almost any stage of development. They are not exacting in the types of soils to which they are adapted, except that it be porous. They do not like a baked, plastic clay, or lean, loose sands, unless such soils are ameliorated by the incorporation of an abundance of organic matter which changes their substance.

LILIUM Tenuifolium.

Seeds of Biennials and Hardy Perennials

LILLIUM—Continued	Trade pkt.	Oz.
Lilium Formosanum come into flower irregularly and a planting from our seed should produce flowers over a period of eight weeks.		
Longiflorum Praecox (White Queen). Produces blooms of the well-known Erabu type within twelve months from sowing. Long trumpet flowers of clear white. ½ trade pkt., 60c; ⅛ oz., $1.75	$1.00	$12.00
Regale, Regal Lily. Pink outside, interior primrose-yellow, 3 to 5 ft. ..... lb., $4.00	.15	.40
Tenuifolium (Siberian Coral Lily) 20 in.... lb., 6.00	.15	.60
Golden Gleam. 24 in. Blooms are deep orange in color and have recurved petals of waxy texture. ..... ¼ oz., 85c	.35	3.00
Washingtonianum. Pure white, slightly tinted and dotted purple inside ..... ¼ oz., $1.25	.50	4.00
Willmottiae. Flowers vivid orange-red with recurved petals, spotted with brown. 4 ft..... ¼ oz., $1.25	.50	4.00
Mixed. Many varieties ..... ¼ oz., 50c	.25	1.80
Linaria. × Cymbalaria, pink, 3 in..... ¼ oz., 40c	.25	1.40
Alpina. × Purple blotched orange, 4 in.. 1/16 oz., $1.00	.50	....
Canon Want. Rosy pink. Blooms first year if sown early. 2½ ft ..... ¼ oz., 60c	.25	2.00
Dalmatica. Yellow with orange lip, 36 in	.15	.60
Linum Perenne (Perennial Flax). Blue. 30 in. lb., $3.00	.10	.30
Perenne Fl. Album. White. 30 in	.10	.40
Mixed	.10	.40
Alpinum × Pale blue. Prostrate habit.. ⅛ oz., $1.00	.35	....
Flavum. Yellow. 1 ft ..... ¼ oz., 50c	.25	1.80
Compactum Nanum × Glowing golden yellow, dark green foliage. Everbloomer, 6 in..... ⅛ oz., $1.00	.35	....
Narbonense. Steel-blue, large-flowering. 30 in..... ..... ¼ oz., 45c	.25	1.60
Lobelia Cardinalis (Cardinal Flower). 36 in... ¼ oz., 85c	.25	3.00
Syphilitica. Large blue flowers. 24 in.... ¼ oz., 60c	.25	....
Lunaria Biennis Alba (Honesty or Peter's Pence) 40 in ..... lb., $4.00	.15	.40
Biennis. Crimson, 4 ft ..... lb., 4.00	.15	.40
Munstead purple giant	.15	.60
Mixed ..... lb., 4.00	.15	.40
Lupinus Polyphyllus.		
Albus. Large, pure white spikes. 2 to 3 ft.. lb., 3.20	.10	.30
Atroviolaceus. Large dark blue, new.... ¼ oz., 25c	.15	.80
Blue. Stately spikes of blue, 3 ft..... lb., $2.60	.10	.25
Carmineus. Carmine ..... ¼ oz., 25c	.15	.80
Chocolate Soldier. Yellow, passing to chocolate.... ..... ¼ oz., 70c	.25	2.40
C. M. Prichard. Pale salmon-orange with yellow... ..... ¼ oz., 90c	.30	3.20
Gold Crest. Yellow with deeper yellow wings. ..... ¼ oz., 40c	.25	1.40
Lavender Queen. Lavender tinted pink, 3 ft.....	.15	.80
Luteus. A strain of varying yellow shades. ¼ oz., 25c	.15	.80
Princess Juliana. Lovely pink, 3 ft..... lb., $6.00	.15	.60

LUPINUS Polyphyllus—Continued	Trade pkt.	Oz.
Roseus. Light and dark rose flowers, 3 ft.. lb.. $5.00	$0.15	$0.50
Russell. These remarkable Lupins are the result of the continuous labour for many years of the enthusiastic grower whose name they bear. See novelties. ..... 50 seeds, 65c; 120 seeds, $1.25.	...	....
Salmoneus. Tender salmon shades..... ¼ oz., 40c	.25	1.20
Six Hills Scented. Flowers are sweetly scented and have a great range of color ..... lb., $5.00	.15	.50
Sunshine (Arboreus Type). Golden yellow, 30 in....	.15	.60
Harkness' Regal Mixture. A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate ..... lb., $5.00	.15	.50
Downer's Hybrids. Perpetual flowering new hybrids. ..... lb., $5.00	.15	.50
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins; English and other European strains being chosen to give the utmost variety ..... lb., $8.00; ¼ oz., 25c	.15	.80
Lychnis Alpina. × Rose, 12 in..... ⅛ oz., 80c	.25	....
Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May. 2 to 3 ft ..... ¼ oz., 40c	.25	1.40
Chalcedonica Salmon Queen. Beautiful salmon shade. 3 ft ..... ¼ oz., 40c	.15	1.20
Chalcedonica. Scarlet, 36 in ..... lb., $4.00	.15	.40
Forrestii Hybrids. New, showy panicles of carmine, crimson, pink and white flowers, excellent for rock garden and border, 2 ft ..... ¼ oz., 50c	.25	1.80
Haageana Hybrida. Mixed, extra choice, 18 in..... ..... ¼ oz., 40c	.25	1.40
Scarlet, 18 in ..... ¼ oz., 50c	.25	1.80
Viscaria Splendens. Early, deep rose, 16 in. ¼ oz., 30c	.15	1.00
Lythrum Roseum Superbum. Rose-pink, 40 in.....	.15	.80
Matricaria Capensis Alba Plenissima. White.	.15	.50
Double Select White (Ball's Double White). This is the one and only fully double flowering pure white strain of Feverfew from seed. It is 98% true to this description. 30 inch ..... ⅛ oz., $1.00	.35	....
Golden Ball. Striking double golden yellow. 8 in. ..... ¼ oz., 50c	.25	1.80
Snowball. Dainty double white flowers. 8 in. ¼ oz., 50c	.25	1.80
Meconopsis Baileyi. Himalayan Poppy, glorious sky blue, golden anthers. 3 ft..... ¼ oz., $1.00	.35	3.60
Monarda Didyma Cambridge Scarlet. Brightest glowing scarlet. July-August, 30 in..... ⅛ oz., $1.00	.50	
Hybrida. Mixed. 36 in ..... ¼ oz., 60c	.25	2.20
Myosotis. See Forget-Me-Not, page 20.		
Nepeta Mussini. × Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft ..... ¼ oz., 50c	.25	1.80
Nervosa. Clear light blue flowers..... ¼ oz., 75c	.25	....
Souvenir d'Andre Chaudron. Bright blue. 24 in.... ..... ⅛ oz., $1.00	.35	....

Rock plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

LUPINUS Polyphyllus.

LYCHNIS Forrestii Hybrids.

POPPY Amurense Yellow Wonder.

	Trade pkt.	Oz.
Nierembergia Hippomanica. Forms a cushion of elegant light green foliage from which emerge corymbs of salver shaped flowers of a delicate lavender blue, one inch across, adorned with a clear yellow eye.	$0.50	....
Oenothera Fraseri. Deep yellow. 24 in. ¼ oz., 75c	.25	
Lamarkiana, yellow, 2 ft.	.10	$0.25
Macrocarpa. Yellow, June-Sept. 12 in. ¼ oz., 60c	.25	2.20
Youngei. Large yellow bloom. 18 in. ¼ oz., 60c	.25	2.00
Papaver (Poppy) Alpine. × Mixed, 10 in. ⅛ oz., 50c	.35	3.20
Bracteatum. Scarlet, 32 in.	.15	.50
Nudicaule × (Iceland). Mixed, 16 in. lb., $6.00	.15	.80
Amurense "Yellow Wonder." Large flowers of buttercup yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs. ¼ oz., 60c	.25	2.20
Yellow, Orange-scarlet and White. each	.15	.80
Coonara. Pink shades. 1½ ft. ¼ oz., 50c	.25	1.60
El Monte. Deep tangerine orange. ¼ oz., 50c	.25	1.80
The Empress. Flower large, full, well formed with broad overlapping petals, deeply fluted or wrinkled, giving the effect of doubleness. The colors range through lovely shades of salmon-rose and creamy pinks. ¼ oz., 60c	.25	2.00
The Emperor. Large flowered, orange, long-stemmed. ¼ oz., 60c	.25	2.00
Fakenham Hybrids. The flowers are 2½ to 3 in. in diameter and come in shades of orange and yellow and white with long, stiff stems. Extremely free-flowering and lasts exceptionally well as a cut flower, 2 ft. ¼ oz., 50c	.25	1.80
Gartref New Hybrids, Selected from range of art shades, all with darker penciled edging. Excellent cut flower. Blooms the first year. ¼ oz., 60c	.25	2.00
Gibson's Giant Orange, 2 ft. ¼ oz., 40c	.25	1.40
Double Mixed. ¼ oz., 50c	.25	1.60
Sanford's Giant Mixed. Very fine. ¼ oz., 50c	.25	1.80
Sunbeam. Mixed. 1½ ft. ¼ oz., 40c	.15	1.20
Vaughan's Special Mixture of Iceland Poppies, contains every worthwhile strain of these beautiful and useful Poppies. ¼ oz., 60c	.25	2 20
Orientale (Oriental Poppy). Scarlet, 3 ft. lb., $8.00	.15	.80
Brilliant. Brilliant fiery-red, 40 in. ¼ oz., 50c	.25	1.80
Beauty of Livermere. Dark oxblood. ¼ oz., 70c	.25	2.40
Carneum. Light and dark salmon pink shades. 70% true. 40 in. ¼ oz., 60c	.25	2.00
Goliath. Brilliant scarlet. ¼ oz., 70c	.25	2.40
Mahoney. Maroon-crimson. 40 in. ¼ oz., $1.00	.35	3.20
Mrs. Perry. Salmon-rose. ⅛ oz., 1.20	.35	....
Perry's White. White flowers with a tinge of blush.	.50	....
Princess Victoria Louise. Soft salmon-rose. 40 in. ¼ oz., 60c	.25	2.00
The Feltham. Shades of scarlet, orange and apricot without the dark blotch at base of flower, 2 ft.	.50	....
Hybrids. Many varieties, mixed. ¼ oz., 40c	.15	1.20

PAPAVER, Nudicaule—Continued	Trade pkt.	Oz.
New Oriental Hybrids. From a collection of new named sorts. ¼ oz., 60c	$0.25	$2.00
The named varieties of Oriental Poppies do not come true from seed.		
Pilosum. Salmon color, 1½ ft.	.35	....
Pentstemon. Large-flowering hybrids, mixed. ¼ oz., 50c	.25	1.80
Digitalis. White tinted violet, 36 in. ¼ oz., 50c	.25	1.80
Heterophyllus. Blue Gem. × Flowers bright blue. June to August, 1 to 2 ft. ¼ oz., 60c	.25	2.00
Glaber. Blue, 36 in. ¼ oz., 50c	.25	1.80
Grandiflorus. Excellent, easily-grown, long lasting cut-flower. Lavender-blue. 3 ft. ¼ oz., 70c	.25	2.40
Pubescens. Reddish blue, lips white, 18 in. ¼ oz., 70c	.25	2.40
Phlox Decussata. Perennial varieties mixed. Seed germinates slowly. 3 ft. lb., $16.00; ¼ oz., 40c	.25	1.40
Physalis Franchetti (Chinese Lantern Plant).	.15	.60
Physostegia Virginica. Rosy-lilac, 4 ft. ¼ oz., 40c	.25	1.40
Virginica Alba. White, 36 in. ¼ oz., 40c	.25	1.40
Compacta. Dwarf, rose. ¼ oz., 50c	.25	1.80
Gigantea. Lilac-rose, 4 ft. ¼ oz., 50c	.25	1.80
Platycodon Grandiflorum. Blue, 28 in.	.15	.60
Grandiflora. Alba. White, 28 in. ¼ oz., 25c	.15	.80
Mixed, 28 in.	.15	.60
Early Flowering Giant White. 28 in. ¼ oz., 40c	.20	1.40
Early Flowering Giant Blue. ¼ oz., 40c	.20	1.40
Praecox Gigantea, early flowering blue. ¼ oz., 60c	.25	2.00
Mariesii. Dark blue, dwarf, 16 in. ¼ oz., 70c	.25	2.00
Alba. White and faint blue, dwarf, 16 in. ¼ oz., 70c	.25	2.60
Polemonium Coeruleum. Jacob's Ladder. Blue. 30 in.	.15	.50
Coeruleum Album. White, 30 in.	.15	.60
Reptans × Pale bluish-purple, 6 in. ¼ oz., 70c	.25	2.40
Richardsoni. Dwarf, blue, early, 20 in.	.15	.80
Polyanthus. (See Primula Veris).		
Potentilla Formosa × Light red, 12 in. ¼ oz., 50c	.25	1.80
Nepalensis × Miss Willmott. Bright carmine, 12 in. ¼ oz., 50c	.25	1.80
Roxana. Brilliant salmon with darker veins, 18 in. ⅛ oz., 50c	.25	....
Rupestris ×. White, 12 in. ¼ oz., 50c	.25	1.80
Warrensi. A lovely new plant for the sunny hardy border. Reaches a height of about 2 feet and is covered with large, pure yellow blossoms all summer long. Suitable for cutting. ¼ oz., 70c	.25	2.40
Double Mixed, 20 in. ¼ oz., 70c	.25	2.40
Single Mixed, 26 in. ¼ oz., 30c	.15	1.00

IMPORTANT NOTICE

For your own protection as a Florist or Nurseryman entitled to the wholesale prices given in this list, we request you to reserve Vaughan's Spring Florist List for your own use. The prices quoted are for the trade only, and we decline to accept orders at these prices from persons not in the trade.

Rock plants are followed by × and the heights given are of the plants when in bloom.

PRIMULA (Veris Polyanthus).

PRIMULA Cashmiriana (Lilac).

PRIMULA Auricula.

Seeds of Biennials and Hardy Perennials

PRIMULA

		Trade pkt.	Oz.
Auricula. × Extra choice mixed, 6 in.	¼ oz., $1.00	$0.35	$3.60
Large Flowering. Mixed, 6 in.	⅛ oz., 1.00	.50	6.00
Giant Flowered. Mixed, 6 in.	⅛ oz., 1.40	.75	10.00
Bullesiana Hybrida. × Fine shades of yellow, orange, apricot and carmine. May-June. 18 in.	⅛ oz., $1.20	.50	....
Bulleyana. Flowers yellow, bud terra-cotta.	⅛ oz., 85c	.50	
Cashmiriana. Lilac, early, hardy, 12 in.	1/32 oz., $1.00	.50	....
Cortusoides. Rose, 10 in.	⅛ oz., 1.00	.50	....
Denticulata Grandiflora Hybrida × 12 in.	1/32 oz., 1.00	.50	....
Floribunda Grandiflora. Yellow, for pots. 1 ft.		.75	....
Florindae. Fragrant, bright yellow pendant flowers. 3 to 4 ft.	1/16 oz., 50c	.25	
Japonica. All Red × 1⅔ ft.	⅛ oz., 90c	.50	....
Japonica Mixed. × White, purple, black and carmine, Spring, 15 in.	¼ oz., 60c	.25	2.00
Japonica. × Special strain. 20 in.	⅛ oz., $1.00	.50	
Lisadell Hybrida Red Hugh. × Intense fiery red flowers produced in tiers growing to two feet in height. June		.50	....
Pulverulenta. × Shining purple-carmine. May-June. As hardy as Polyanthus. 16 in.	⅛ oz., $1.00	.35	....
Bartley Strain. Beautiful shades of rose and pink, 3 ft.		.50	....
Rosea Grandiflora, × Rose-carmine, May-June. 8 in.	1/32 oz., 85c	.50	....
Sikkimensis. Yellow. 15 in.		.50	....

PRIMULA VERIS KLEYNII

It has heavy stems, average length 8 to 12 inches, carrying immense heads of 15 to 25 florets, each floret 1" to 1½" in diameter, rich golden yellow shaded apricot towards center. Plants average 6 flower spikes each, perfectly hardy outside anywhere in the U. S. A. Plants forced in winter can be divided up and planted out in April. Those develop strong plants for the hardy border, rockery, or for forcing the following winter. Large heavy leaves. 100 seeds, 40c; 250 seeds, 85c; 1000 seeds, $3.00.

		Trade pkt.	Oz.
Veris (Polyanthus). × Fine mixed. Spring. 12 in.	¼ oz., 60c	$0.25	$2.00
Coerulea. × Dark blue. 1 ft. 100 seeds, 25c;	1,000 seeds, $1.50		
Grandiflora. × Mixed. 1 ft.	¼ oz., 85c	.35	3.00
Excelsior strain of large-flowering varieties.	⅛ oz., $1.00	.50	
Mrs. Berkeley's Strain. Very fine new race with large flowers	⅛ oz., $1.20	.50	....
Gigantea Teicher's Giant Mixed	⅛ oz., 1.00	.50	6.00
Munstead Strain. × Flowers of largest size, fine shades, including yellow and white, 12 in.	¼ oz., $1.00	.50	3.80
Gold-laced. Finest varieties mixed	⅛ oz., .60	.25	....
Lutea. × Yellow, 12 in.	⅛ oz., .70	.25	
White. 12 in.	⅛ oz., .90	.35	
Red shades. 12 in.	⅛ oz., .70	.35	

PRIMULA—Continued		Trade pkt.	Oz.
Acaulis, Mixed	⅛ oz., $1.00	$0.25	....
Coerulea. Blue. 500 seeds, $1.00; 1000 seeds, 1.80		....	....
Vulgaris × True. Yellow Primrose, 6 in.	¼ oz., 80c	.35	$2.80

Prunella Grandiflora Rosea. Carmine rose, 10 in. Dwarf perennial for border	¼ oz., 75c	.25	....
Pueraria Thunbergiana (Kudzu Vine)	lb., $3.00	.10	.30

PYRETHRUM

		Trade pkt.	Oz.
Roseum. Pink, 30 in.	¼ oz., 80c	$0.35	$2.80
Album. White, excellent	¼ oz., 70c	.25	2.40
Atrosanguineum. Dark red shades	¼ oz., 90c	.35	3.00
Carneum. Flesh	¼ oz., 60c	.25	2.00
James Kelway. Dark blood-red	¼ oz., 80c	.35	2.80
Grandiflorum Rubrum. Deep ruby red		.50	....
Album	⅛ oz., $1.50	.50	....
Roseum		.50	....
Mixed	¼ oz., 90c	.35	3.20
Giant Robinson's Hybrids	¼ oz., 90c	.50	3.00
Comet-Flowered. Single and semi-double with twisted petals	⅛ oz., $1.40	.50	....
Double White. New selection		.75	....
Double Pink. Very choice		.50	....
Double mixed. Extra choice	¼ oz., 1.30	.50	4.00
Cinerariaefolium. Persian Insect Powder Plant. White, for cutting, 2 ft.	¼ oz., 40c	.15	1.40
Ptarmicaeflorum. Silvery white, graceful feathery foliage, excellent for florists' work; valuable for pots, beds, edgings rockeries	⅛ oz., $1.00	.35	....
Tchihatchewii. (Turfing Daisy.) White; for poor soils. 6 in.	¼ oz., 50c	.25	1.80
Uliginosum. Giant Daisy. White; late bloomer. 4 ft.	¼ oz., 90c	.35	3.20

Ramonda Pyrenaica. Flat leaved rosettes, soft violet Verbascum-like flowers, fine dwarf alpine, 6 in.	100 seeds, $1.00	....	....
Pyrenaica Alba. Beautiful white flowers. 2 ft.	100 seeds, $1.40	....	....
Ranunculus Asiaticus Superb. Mixed	lb. 6.00	.15	.60
Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in.	¼ oz., $1.20	.50	4.00
Palaflor. A strain selected from the Palestine and Florentine combining the best features of both and producing enormous double flowers of greatest range of colors	lb., $40.00; ¼ oz., $1.20	.50	4.00
Vaughan's Super Hybrids Mixed	¼ oz., 1.40	.75	5.00
Rehmannia Angulata. Rose and red shades, 24 in.	¼ oz., 90c	.35	3.40
Rock Plants. Perennial Mixed	¼ oz., 40c	.25	1.40
Romneya Coulteri (California Giant Poppy). Beautiful snowy-white fragrant flowers. 4 ft.	¼ oz., 60c	.35	2.00
Rosa Polyantha Nana Multiflora fl. pl. ×. The baby rose for rock gardens, blooms in 10 weeks, resembles Rose Rouletti, clean seed	¼ oz., 85c	.35	.300

Rock plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

VIOLA Cornuta. In Flower All Summer.

PYRETHRUM Roseum Double White.

Rudbeckia Hirta (Herbstwald) Autumn tints. A splendid new cut flower. This new perennial, which blooms the first year from seed, if sown in March, is a most valuable addition since it furnishes admirable cut flowers until late in fall. The plant grows to a height of 2 ft. and produces its well-formed, large starflowers on long, ivory stems. They are long-lasting and most desirable for all sorts of arrangements. They are of easiest culture, preferring a sunny location. In general appearance they resemble Gerberas, and to call them the "Gerberas of the north" would be a most suitable name for them.
The colors range through all the gorgeous, fiery, autumn tints. ¼ oz., $1.00; trade pkt., 50c.

		Trade pkt.	Oz.
Fulgida. Yellow, disc dark, very free, 38 in.	¼ oz., 25c	$0.15	$0.80
My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers	¼ oz., 40c	.25	1.40
Newmanii. Vivid yellow, 24 in	¼ oz., 40c	.25	1.40
Purpurea (Echinacea). 4 ft	¼ oz., 40c	.25	1.40
Salvia Argentea (Silver-leaved Sage). 36 in.		.15	.60
Azurea Grandiflora. One of the nicest blue-flowering Sages of tall growth and long stalks. The flowers are very large and of high effect	¼ oz., 50c	.25	1.80
Patens. Sky-blue. 30 in.	¼ oz., 60c	.25	2.00
Pratensis Atro-violacea. Dark violet, 20 in.	¼ oz., 50c	.25	1.60
Turkestanica. Bracts white to lilac. 4½ ft.	¼ oz., 50c	.25	1.60
Verbascifolia Syria. Tall spikes of dark blue flowers, hairy within and without. 5 ft.	¼ oz., 50c	.25	1.80
Santolina Tomentosa. Yellow, silvery foliage, 2 ft.	1/16 oz., $1.00	.50	....
Saponaria × Ocymoides Splendens. Pink, trailing		.15	.60
Saxifraga Aizoon. × Creamy white silver braided. 6 in.		.50	
Cordifolia × A fine rock plant, 24 in.	100 seeds, 35c; 1000 seeds, $2.50	....	....
Decipiens Grandiflora. × White, 18 in.	⅛ oz., 75c	.35	
Hybrida. Purple Robe. × Carmine with purple reflex, 8 in.	1/32 oz., 80c	.35	
Lingulata Leichtlini. Vivid rose, 28 in.	100 seeds, 30c; 1000 seeds, $2.50	...	....
Megasea Species. Large leathery leaves with short stemmed racemes of flowers. Spring		.75	
Perennial Species mixed	1/16 oz., 50c	.35	
Mossy Varieties mixed	1/16 oz., $1.00	.50	

Our Midsummer List will be mailed early in June. If you should fail to receive a copy please write for one.

		Trade pkt.	Oz.
Scabiosa Caucasica Alba. Pure white, 40 in.	¼ oz., 60c	$0.25	$2.00
Perfecta. Lavender. 40 in	¼ oz., 60c	.25	2.20
House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white.	¼ oz., 80c	.35	2.80
Goldingensis. Large flowers, waved petals, small center, deep lavender	¼ oz., 80c	.35	2.80
Vaughan's Special Mixture. All the above Caucasica types	¼ oz., 80c	.35	2.80
Fischeri. Height about 2½ ft. and requires no stakes, being of neat and tidy habit. Flower is 2½ inches across and is beautiful blue-purple color. Flowering growths are clothed with smaller, finely-cut foliage up to the height of a foot or more, these ending in a long, naked flower stem which makes the plant a useful subject for cutting	¼ oz., 70c	.25	2.40
Columbaria Delicate Pink. Deep rosy-mauve. 2 ft.	¼ oz., 60c	.25	2.00
Delicate Lavender, 2 ft	¼ oz., 60c	.25	2.00
Japonica. Clear blue flowers, 30 in.		.15	.50
Sedum × Acre (Golden Moss). 3 in.	⅛ oz., 70c	.25	
Aizoon. Yellow with brown. 5 in.		.50	
Anglicum. Foliage blue-green, flowers white with peach-blossom. June-July, 4 in.		.50	
Reflexum. Blue-green foliage, flowers yellow. Creeping. 10 in.		.35	
Mixed	¼ oz., 85c	.35	
Sempervivum × Perennial species. Mixed		.35	
Senecio Clivorum Orange Queen. Stately border plant; loves moisture. Orange flowers. July. 4 ft.	¼ oz., 60c	.25	
Sidalcea Rose Queen. Rose, 4 ft.	¼ oz., 40c	.25	1.40
Rosy Gem. Mallow rose, 18 in.	¼ oz., 40c	.25	1.40
New Hybrids	¼ oz., 50c	.25	1.80
Scutellaria × Coelestina. Dense bushy habit, abundance of light blue flowers	⅛ oz., 85c	.25	
Silene Alpestris × Sheets of glistening white flowers from May to July. Prefers shade. 6 in.	1/16 oz., 60c	.35	
Asterias Grandiflora. Large globular crimson-scarlet heads. 18 in.	¼ oz., $1.00	.35	3.60
Orientalis. Bright red flowers in terminal umbels. 30 in.		.15	.50
Saxifraga. Creamy white, tinged red, 10 in.	¼ oz., 60c	.25	....
Schafta. × Rosy purple, trailing habit, July. 8 in.	¼ oz., 50c	.25	1.80
Siberica. × Rose. 18 in.	⅛ oz., 75c	.25	....

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Sisyrinchium × Anceps. Blue-eyed grass. Pretty little Iris with grass-like foliage; flowers deep blue with darker eye. May. 7 in..... 1/16 oz., 60c	$0.35	
Solidago (Golden Rod). × Canadensis. 5 ft. ¼ oz., 50c	.25	$1.80
Stachys Lanata. Silver leaves, purple flowers, 24 in..	.15	.60
Statice Latifolia. Blue. Fine for winter bouquets... 1 ft.....¼ oz., 40c	.20	1.40
Caspia. Tender lilac color, 30 in.....¼ oz., 60c	.35	2.20
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in.....¼ oz., 50c	.25	1.60
Macrophylla Atro-coerulea. Dark blue. 2½ ft..... .....¼ oz., 60c	.25	2.00
Perezii. Violet blue, 30 in.....¼ oz., 50c	.25	1.60
Tatarica (Incana). White, best for dyeing. 18 in....	.15	.60
Stokesia Cyanea. Sky-blue, 16 in.....¼ oz., 40c	.20	1.40
Cyanea Alba. White. 16 in.....¼ oz., 40c	.25	1.40
Mixed.....¼ oz., 40c	.20	1.40
Teucrium (Germander) Chamaedrys. Grey foliage, spreading habit, small rose colored flowers, 8 in....	.25	....
Thalictrum Aquilegifolium (Meadow Rue). Graceful foliage, mixed colors, 40 in....¼ oz., 45c	.25	1.40
Adiantifolium. Flowers yellow, 18 in....¼ oz., 45c	.25	1.40
Dipterocarpum. Rosy purple. 4 to 5 ft. ¼ oz., 45c	.25	1.50
Glaucum. Bronze-yellow, June, 4 ft.....	.15	.85
Thermopsis Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft.....¼ oz., 70c	.25	2.60
Thymus Serpyllum. × (Wild Thyme.) Creeping, purple flowers, 2 in.....⅛ oz., 60c	.25	
Serpyllum Coccineum. Bright red.....⅛ oz., 60c	.25	....
Tritoma Uvaria Grandiflora (Red-Hot Poker Plant).. 40 in.....¼ oz., 40c	.25	1.40
Hybrida, perpetual-flowering. 3 ft.....¼ oz., 50c	.25	1.60
Express. Early-flowering, yellow. 3 ft.....	.20	1.20
Mirabilis. Yellow, blooms first year. 3 ft..¼ oz., 50c	.25	1.80
Pfitzer's Hybrids.....¼ oz., 50c	.25	1.80
Trollius Ledebouri. Orange. 2 ft.....¼ oz., $1.35	.50	5.00
Ledebouri Golden Queen. Large orange flowers in early summer. 3 to 4 ft. Extra fine..¼ oz., $1.35	.50	5.00
Europaeus. Yellow. 20 in.....¼ oz., 65c	.35	2.40
Hybridus Orange Princess. Bright orange ¼ oz., $1.35	.50	5.00
Mixed.....¼ oz., 1.00	.35	3.40
☞Put Trollius seed 30 seconds in boiling water before sowing.		
Tunica × Saxifraga. Lilac-rose, May. 10 in.....	.15	.60
Valeriana Alba white (Garden Heliotrope). 36 in....	.15	.60
Rubra (Coccinea). Scarlet. 36 in.....	.15	.60
Mixed. White and red.....	.15	.60
Officinalis. Heads of rose-tinted white flowers. June-July; with strong heliotrope odor. 4 ft. ¼ oz., $1.00	.35	....
Verbascum Miss Willmott. Large white flowers, 5 ft.	.15	.80
Harkness Hybrids, 7 ft.....	.15	.80
Olympicum. Silvery foliage, golden-yellow flowers 6 ft. .....¼ oz., 70c	.25	2.40
Phoeniceum Hybrids. Mixed. Graceful spikes in various shades including white, pink, salmon and violet, 2 ft.....	.15	.60
Veronica Amethystina. × Long racemes of bright blue flowers, 1 ft.....¼ oz., 60c	.25	2.20
Incana. (Candida). Ageratum-blue, silvery foliage, 12 in.....¼ oz., 85c	.35	3.00
Longifolia (Maritima). Compact clusters of blue flowers, 30 in.....¼ oz., 40c	.25	1.40
Hendersoni Nana. Dark blue. 12 in., ¼ oz., 50c	.25	1.80
Repens. × Dwarf branching, pale blue, 2 in. ¼ oz., 60c	.25	2.20
Spicata. Various shades, 18 in..... ¼ oz., 50c	.25	1.60
Rosea. Pure pink.....	.35	....
Teucrium Prostrata. Mixed, 6 in..... ¼ oz., 70c	.25	2.40
Royal Blue. 1 ft.....¼ oz., 70c	.25	....
Perennial Species. Mixed.....¼ oz., 50c	.25	1.80

VIOLA

	Trade pkt.	Oz.
Cornuta. Admiration. Dark blue. 8 in..¼ oz., 50c	$0.25	$1.60
Blue Perfection. Light blue. 8 in.....¼ oz., 50c	.25	1.60
Chantreyland. A perfect Viola, producing masses of purest apricot flowers.....¼ oz., $1.20	.35	4.00
G. Wermig. Rich violet-blue, 8 in...¼ oz., 1.80	.50	6.00
White Wermig. 8 in.....¼ oz., 50c	.25	1.80
Ilona. Wine red.....¼ oz., 50c	.25	1.80
Jersey Gem. Dark blue. 8 in..... .....¼ oz., $3.20; ⅛ oz., $1.80	.50	....
Lutea Splendens. Golden yellow. 8 in...¼ oz., 50c	.25	1.60
Mauve Queen. 8 in.....¼ oz., 50c	.25	1.80
Papilio. Blue and white, 6 in.....¼ oz., 50c	.25	1.60
Primrose Perfection. A good yellow..¼ oz., $1.20	.35	4.00
Puck. The 2 upper petals are clear purple-violet, the 3 lower, golden-yellow. 6 in.....¼ oz., 60c	.25	2.20
Rosea, 6 in. varies.....¼ oz., $1.20	.35	4.00
Spring Messenger. Bright rich purple..¼ oz., 50c	.25	1.80
White Perfection. White. 8 in.....¼ oz., 50c	.25	1.80
W. H. Woodgate. Pure bright sky blue, the bluest viola in cultivation, large, round flowers on long stems, 9 in.....1/16 oz., $2.00	.50	....
Vaughan's Improved Scotch. Three and five blotched in splendid mixture.....¼ oz., 85c	.35	2.80
Mixed. Small Flowering Type.....¼ oz., 50c	.25	1.80
Hybrida Apricot. Beautiful rich apricot shades tinged towards center.....¼ oz., 85c	.35	3.00
Arkwright Ruby. Bright ruby crimson, rich and velvety; fragrant.....⅛ oz., $1.00	.35	6.00
Black Prince. 8 in.....¼ oz., 50c	.25	1.80
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield.....¼ oz., $1.00	.35	3.60
Primrose Dame. Sulphur yellow. 8 in..¼ oz., 70c	.35	2.40
Viola Cornuta, Vaughan's Special. This blend of bright gay colors far surpasses any mixture of Violas. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly makes these Violas a supreme mixture.....¼ oz., $1.20	.50	1.20
Tufted Pansies. Finest mixture of these long and free blooming varieties. 9 in.....¼ oz., 50c	.25	1.80

Viola—Various Types

Bosniaca. Free blooming, rose magenta flowers, summer, 4 in.....¼ oz., 70c	.25	2.40
Florariense. Pale lavender.....⅛ oz., $1.50	.50	....
Gracilis Lord Nelson. Violet-purple, 6 in. ¼ oz., 80c	.35	2.80
Eisenach Jewel. Small-flowered, deep violet.....	.50	....
Johnny Jump Up.....	.50	....
Nigra (Bowles Black Pansy). Interesting and attractive little pansy, pretty small black flowers.....	.35	....
Odorata (The Czar Blue). Dark blue.....¼ oz., 70c	.30	2.60
Wallflower. Double Annual "Early Wonder". This remarkable new Wallflower comes into bloom within 5 months from sowing; seedlings will produce beautiful, sweet scented flowers during winter and early spring, in the cold frame or a cool house. These must be grown in 4 inch flats, they do not like too much root room. 2 ft.		
Canary-Yellow (Gold Standard).....¼ oz., 75c	.25	....
Golden-Yellow, flaked with brown.....¼ oz., 75c	.25	....
Dark Brown.....¼ oz., 75c	.25	....
Double Annual Early Wonder Mixed.....¼ oz., 50c	.25	1.80
Double Tall Branching, Golden yellow, 2 ft.....	.50	....
Dark Brown.....	.50	....
Violet.....	.50	....
Double Tall Tree. Golden yellow.....	.50	....
Dark Brown.....	.50	....
Violet.....	.25	....
Violet.....	.50	....
Single Goliath. Early flowering dark brown. 2 ft....	.10	.40
Mixed.....	.10	.30
Parisian Forcing, mixed, 15 in.....	.15	.60
Annual Blood Red.....	.10	.40
Yellow, 20 in.....	.10	.40
Wistaria Sinensis. Blue.....	.10	.30
Yucca Filamentosa (Adam's Needle) 5 ft....lb., $3.20	.10	.30

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Summer Flowering Bulbs FOR WHOLESALE TRADE ONLY

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

DOUBLE BEGONIA

ACHIMENES

AMARYLLIS

Large Flowering Hybrids

One of the finest strains of Amaryllis we have ever seen, raised by eminent growers whose stock and hybridization for many years we have purchased in its entirety. Flowers are immense, borne as a rule four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains.

	Doz.	100
2-2½ inch	$2.00	$15.00
2½-3 inch	2.75	20.00

ACHIMENES

This is closely related to the gloxinia. Plant 6 to 7 bulbs in a 5-inch pot, or 9 to 10 in a 6-inch pot. The soil used for potting should be rich in humus and of an open, porous nature, allowing perfect drainage. A good mixture to use is equal parts of loam, leaf mold and sand. About one-third of the depth of the pots or pans should be occupied with drainage. After the young growth appears, great care should be taken to keep the soil moist, for a single severe drying will ruin the plant. Blooming time 8 to 10 weeks after planting.

	Doz.	100	1000
Purple or Light Blue	$0.35	$ 2.00	$15.00

BEGONIAS

Tuberous-Rooted

Every florist should grow some of these bulbs, as they make showy plants that find ready sales in the spring and summer. Use 4-inch pots and shift later to 5 and 6-inch pots if larger plants are wanted. A compost of one part rotted cow manure to two parts loam and one part leaf mould will give good results. Water sparingly until growth is started. They like a 55-58 degree temperature at night.

	Doz.	100	1000
Single Crispa, Separate Colors:			
1-1½ inch	$1.00	$ 6.50	$60.00
1½-2 inch	1.60	11.00	100.00
2 inch	2.00	15.00	135.00
Double Camellia-flowered, Separate Colors:			
1-1½ inch	1.00	6.50	60.00
1½-2 inch	1.60	11.00	100.00
2 inch	2.00	15.00	135.00
Carnation-flowered or Frilled, Separate Colors:			
1-1½ inch	1.00	6.50	60.00
1½-2 inch	1.60	11.00	100.00
2 inch	2.00	15.00	135.00
Narcissus-flowered	1.60	11.00	100.00
Pendula or Hanging Basket Type	1.80	13.00	120.00

CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes	Doz.	100	1000
5 to 7-inch circumference	$0.50	$ 3.00	$25.00
7 to 9-inch circumference	.75	5.00	45.00
9 to 11-inch circumference	1.35	9.00	85.00
11 to 12-inch circumference	2.25	16.00	.....
12-inch and upwards, very large	2.75	19.00	.....

TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best **Dwarf Excelsior Pearl Type.**

	100	1000
Dwarf Excelsior Pearl First size, 4 to 6-inch	$2.75	$25.00
Dwarf Excelsior Pearl Second size, 3 to 4-inch	1.75	15.00
Variegated Leaved, single	3.00	27.50
Albino, early single white	3.00	27.50
Mexican	2.00	18.00

MISCELLANEOUS BULBS

	Doz.	100	1000
ACIDANTHERA. Large	$2.00	$15.00	.....
Medium	1.50	10.00	.....
ANEMONES, St. Brigid	.50	3.50	$30.00
Special Mixed	.40	2.50	20.00
APIOS TUBEROSA. Climber	.90	6.00	55.00
CALLAS Elliottiana. Yellow. 1¾-2 inch	1.35	9.00	80.00
2-2½ inch	1.80	12.50	110.00
CHLIDANTHUS Fragrans	.90	6.00	55.00
CINNAMON VINES. Climber, large roots	.70	4.50	40.00
GLOXINIAS. 1-1½ inch	1.75	12.00	.....
1½-2 inch	2.50	18.00	.....
HYACINTHUS CANDICANS. 1¼-1½ inch	.80	5.50	50.00
1½-2 inches	1.00	6.50	60.00
ISMENE CALATHINA, (White) Peruvian Daffodil	1.40	9.50	90.00
MADEIRA VINE. 2-3 inches	.50	3.00	25.00
3 inches and up	.60	4.00	35.00
MILLA BIFLORA. Showy white star-shaped flowers	1.25	8.00	75.00
MONTBRETIAS MIXED	.55	3.50	30.00
OXALIS. In separate colors	...	1.00	7.00
RANUNCULUS VICTORIA HYBRID MIXED	.50	3.50	30.00
SPREKELIA. Scarlet. Medium	1.75	12.00	.....
Large	2.00	15.00	.....
TIGRIDIAS MIXED	1.10	7.00	65.00
ZEPHYRANTHUS CANDIDA. (White)	.35	2.00	18.00
ZEPHYRANTHUS ROSEA. (Pink)	.60	4.00	35.00

LILY BULBS

FROM COLD STORAGE F. O. B. CHICAGO

LILIUM LONGIFLORUM GIGANTEUM

	Case
7 to 9-inch. Packed 100 bulbs to case	$7.50
7 to 9-inch. Packed 300 bulbs to case	18.00

LILIUM REGALE

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 to 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	Doz.	100	1000
6 to 7-inch	$0.90	$6.00	$55.00
7 to 8-inch	1.10	7.50	70.00
8 to 9-inch	1.60	11.00	95.00
9 to 10-inch	2.00	15.00	135.00
10 to 11-inch	3.00	22.50	200.00

AURATUM—GOLD-BANDED

Flowers white, dotted crimson, with a clear golden band running through center of each petal; very fragrant.

	Doz.	100	Case
8 to 9 inches (180 bulbs to a case)	$1.60	$11.00	$16.00
9 to 11 inches (125 bulbs to a case)	2.00	15.00	16.00

SPECIOSUM RUBRUM MAGNIFICUM

Flowers are of good substance; will last a long time and do not all open at once.

	Doz.	100	Case
8 to 9 inches (200 bulbs to a case)	$1.50	$10.00	$17.00
9 to 11 inches (140 bulbs to a case)	2.00	15.00	17.00

OTHER LILIES

	Doz.	100
LILIUM BATEMANNIAE. Deep apricot	$1.60	$11.00
LILIUM CANADENSE. Yellow and orange	1.50	10.00
LILIUM ELEGANS. Mixed	1.50	10.00
LILIUM HENRYI. Apricot yellow, 8-9 inch	1.60	11.00
9-11 inch	2.00	15.00
LILIUM JAPONICUM. Pink	1.90	14.00
LILIUM PHILLIPINENSE FORMOSANUM	1.50	10.00
LILIUM SUPERBUM. Orange	1.50	10.00
LILIUM TENUIFOLIUM	1.25	8.00
LILIUM TIGRINUM Splendens	1.10	7.00
LILIUM TIGRINUM Fl. Pl.	1.25	8.00

COM. KOEHL.

MRS. T. J. KNUDSON.

MRS. LEON DOUGLAS.

MINUET.

DR. BENNETT.

Vaughan's Glorious Gladioli

Prices subject to change without notice. Grown on our own farms from our own planting stocks.

IF SECOND SIZE Bulbs are wanted, deduct 20% from prices below except where noted.

	100	1000
AFLAME. Giant begonia rose	$2.10	$16.00
ALBATROSS. Clear white. **First size**	3.00	25.00
Second size	2.50	22.00
ALBANIA. Large pure white. **First size**	2.10	16.00
Second size	1.80	13.00
ALICE TIPLADY. (Prim.) Orange pink	1.70	12.00
ALMA. Immense light lavender-pink	1.80	13.00
AMERICA. Pure, late pink. **First size**	1.90	14.00
Second size	1.60	11.00
ANNA EBERIUS. Maroon purple. **First size**	2.30	18.00
Second size	2.00	15.00
AVE MARIA. Medium blue	2.75	25.00
BUTTER BOY. Yellow (Prim.)	1.80	13.00
BAGDAD. Smoky old rose	2.60	22.50
BETTY NUTHALL. Pink suffused orange	1.90	14.00
Second size	1.60	11.00
BERTY SNOW. Lavender pink	2.20	17.00
BIJOU. (Prim.) Ruffled pinkish apricot	2.10	16.00
BLOOMINGTON BEAUTY. Maroon purple	2.50	20.00
BLUE ROYALE. True violet-blue. Good tall, strong grower	2.60	22.50
BREAK O' DAY. Soft La France pink	1.80	13.00
BYRON L. SMITH. Lavender pink. **First size**	2.10	16.00
Second size	1.80	13.00
CADILLAC. Tall spike, flowers well placed and of good form. Color golden apricot fading to apricot-rose toward edge of petals, no throat markings, stamens and pistils creamy white	2.50	20.00
CAPTAIN BOYNTON. Light lavender. **First size**	2.20	17.00
Second size	1.90	14.00
CHICAGO, WHITE. **First size**	1.90	14.00
Second size	1.70	12.00
CHARLES DICKENS. Violet purple. **First size.**	2.30	18.00
Second size	2.00	15.00
COMMANDER KOEHL. Dark scarlet. **First size.**	2.75	25.00
Second size	2.50	20.00
COPPERSHEEN. (Prim.) Orange, bronze	2.10	16.00
CRIMSON GLOW. Large flower. **First size**	1.80	13.00
Second size	1.25	9.00
DEARBORN. Immense florets of deep flesh color, light coral reflex, lip amber yellow, blending to flesh, marked with a feathering of deep crimson.	2.30	18.00
DR. MOODY. Light lavender	2.20	17.00
DEBONAIR. La France pink	$3.25	$30.00
DIANA. Blood red, very large	2.10	16.00
DR. F. E. BENNETT. Gigantic red. **First size**	2.20	17.00
Second size	2.00	15.00
EDITH MASON. Pure pink	2.00	15.00
EDITH ROBSON. Light salmon-rose, red blotch.	3.50	30.00
E. J. SHAYLOR. Ruffled rose. **First size**	1.80	13.00
Second size	1.50	10.00
ELIZABETH TABOR. Delicate rosy-pink on white ground	2.00	15.00
EMILE AUBRUN. Coppery bronze	2.20	17.00
FLANDERS. (Prim.) Brilliant scarlet	2.10	16.00
FLAMING SWORD. Scarlet, early	1.80	13.00
GIANT NYMPH. Large La France pink. **First size.**	1.80	13.00
Second size	1.50	10.00
GLORIANA. Golden salmon, yellow throat	1.80	13.00
GOLD EAGLE. Tall, deep yellow	1.80	13.00
GOLDEN DREAM. Clear, deep yellow	1.70	12.00
GOLDEN MEASURE. Best yellow. **First size**	2.00	15.00
HALLEY. Salmon pink. **First size**	1.90	14 00
Second size	1.60	11.00
HEINRICH KANZLEITER. Dark red	2.30	18 00
HELGA. Early salmon-rose	2.00	15.00
IMPROVED SCHWABEN. Light yellow	2.10	16.00
IONIA. Apricot pink	2.00	15.00
JOE COLEMAN. Ruffled red. **First size**	1.90	14.00
Second size	1.60	11.00
JOERG'S WHITE. Cream-white	2.50	22.00
KALAMAZOO. Violet purple. **First size**	2.30	18.00
Second size	1.80	13.00
LA PALOMA. Orange Primulinus	2.50	20.00
LE MARECHAL FOCH. Light pink. **First size**	1.70	12.00
Second size	1.50	10.00
LOS ANGELES. (Prim.) Bright pink. **First size**	1.70	12.00
Second size	1.35	9.00
LOUISE. Pure lavender	2.00	15.00
MARMORA. Smoky gray	2.30	18.00
MARY PICKFORD. Creamy white	2.30	18.00
MARY SHARY. Clear soft primrose yellow with a deeper yellow on throat	2.75	22.50
MILDRED LOUISE. Pure salmon-pink	4.00	35.00
MINUET. Large, light lavender. **First size**	2.75	24.00
Second size	2.50	20.00

EDITH MASON.

MAMMOTH WHITE.

BETTY NUTHALL.

PRIDE OF WANAKAH.

PICARDY.

GLADIOLI—Continued	100	1000
MRS. T. J. KNUDSON. Clear light violet, shading deeper towards the outer edge of petals. The throat has a deep violet plume, tipped or capped by a characteristic bright creamy spire, giving it a very striking effect	$2.50	$20.00
MRS. DR. NORTON. Soft light pink	2.20	17.00
MRS. F. C. PETERS. Rose-lilac	2.10	16.00
MRS. FRANCIS KING. Vermilion. **First size**	1.80	13.00
Second size	1.35	9.00
MRS. FRANK PENDLETON. Pink. **First size**	2.00	15.00
Second size	1.70	12.00
MRS. LEON DOUGLAS. Immense rose. **First size**	2.20	17.00
Second size	1.90	14.00
MAID OF ORLEANS. Milky white, cream throat.	4.00	35.00
Second size	3.50	30.00
MAMMOTH WHITE. Pure white	2.75	24.00
Second size	2.30	18.00
MRS. F. L. KARCHER. Light salmon blending to orange	3.00	25.00
MRS. P. W. SISSON. Immense ruffled pink	2.00	15.00
MOTHER MACHREE. Smoky lavender	3.50	30.00
NANCY HANKS. Rich apricot	2.00	15.00
ODIN. Deep salmon pink. **First size**	1.80	13.00
Second size	1.50	10.00
ORANGE QUEEN. (Prim.) Large, orange	1.80	13.00
Second size	1.50	10.00
PEACE. White, blotched purple. **First size**	1.80	13.00
Second size	1.50	10.00
PELEGRINA. Deep blue	2.50	20.00
PFITZER'S TRIUMPH. Salmon red	2.30	18.00
PICARDY. Delicate apricot pink. **First size**	2.30	18.00
Second size	2.00	15.00
PINK MEDALLION. (Prim.) True pink	2.00	15.00
PINKPRIM. (Prim.) Salmon	1.80	13.00
PRIDE OF WANAKAH. Lavender rose		
First size	2.00	15.00
Second size	1.70	12.00
RED LORY. Large red, purplish blotch	3.25	28.00
RED PHIPPS. Really a pink overlaid scarlet	3.25	28.00
RIDINGHOOD. (Prim.) Red	1.90	14.00
ROSA RAISA. Color, lower 3 petals blotched with violet, upper petals pale mauve shading to violet edge. Stamens violet	2.50	20.00

	100	1000
ROSE. 1910, rose-pink. **First size**	$1.70	$12.00
Second Size	1.35	9.00
SALBACH'S ORCHID. Pink-orchid shade	2.75	24.00
SCHWABEN. Canary yellow. **First size**	1.80	13.00
Second size	1.50	10.00
SCHWABEN GIRL. Best pure pink	4.00	35.00
SEAFOAM. (Prim.) White. **First size**	2.30	18.00
Second size	2.00	15.00
SENORITA. Very clear wide open orange, shading to salmon	2.30	18.00
SOUVENIR. (Prim.) Daffodil yellow	1.70	12.00
Second size	1.35	9.00
SOVEREIGN. Large deep purple	2.30	18.00
SPIRIT OF ST. LOUIS. Orange Saffron	2.10	16.00
VAUGHAN'S WHITE. Best white. **First size**	3.00	25.00
Second size	2.50	20.00
VIRGINIA. Scarlet. **First size.** } Same as	1.90	14.00
Second size } Scarlet Princeps	1.60	11.00
WAR. Deep blood-red	2.30	16.00
WASAGA. Clear apricot, buff throat	3.00	25.00
W. H. PHIPPS. La France pink. **First size**	2.00	15.00
Second size	1.60	11.00
WILBRINK. Lavender pink. **First size**	1.90	14.00
Second size	1.60	11.00
WINDSOR. Giant light pink	2.00	15.00
WURTEMBURGIA. Dazzling large light red, cream throat	3.50	30.00
YELLOWSTONE (Prim.) Tall clear yellow	2.30	18.00
STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. **First size**	1.50	10.00
Second size	1.25	8.00

EXTRA FINE MIXTURE

	100	1000
A mixture of fine, popular, higher priced varieties, containing a fine range of colors. **First size**	$ 1.90	$14.00
Second size	1.70	12.00

DE LUXE MIXTURE

Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties. **First size**	2.50	20.00
Second size	2.10	16.00
PRIMULINUS HYBRIDS. Mixed	1.70	12.00

Greenhouse Plant Department

ASPARAGUS PLUMOSUS NANUS

Prices F. O. B. Western Springs, Illinois, where we ship by Express and C. B. & Q. R. R. All orders to all states shipped subject to customers assuming risk in regard to their state entomology requirements.

We assume no transportation risks after delivering shipment in good order to the transportation company. Should customers have any cause for rejecting plants, we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

BILLING—25 at the 100 rate; 250 at the 1,000 rate. We charge for packing on all orders at cost.

On plants in bloom for Holidays and Easter, or on Cold Storage Stock, we cannot entertain claims for allowance in case of damage in transit, the stock being sold on a basis of actual value at Western Springs.

We list on this page only a few of the many greenhouse plants. Our special lists of small plants to grow on and plants for special occasions appear from time to time. If you do not receive your copy, write for it.

	Doz.	100	1000
ASPARAGUS **Plumosus.** Seedlings from flats		$1.50	$10.00
2¼-inch	$0.85	6.00	55.00
3 -inch	1.50	10.00	.....
4 -inch	2.50	20.00	.....
Sprengeri. Seedlings from flats	.....	1.50	8.00
2¼-inch	.75	5.50	50.00
3 -inch	1.50	10.00	.....
4 -inch	2.50	20.00	.....

BOSTON FERNS

	Each	100
2¼-inch per 1000 $75.00	....	$ 8.00
4 -inch	$0.35	30.00
5 -inch	.50	45.00
6 -inch	.75	65.00
7 -inch	.95	85.00
8 -inch	$1.25 to 1.50	.....
10 -inch	2.50 to 3.50	.....

COLORADO FERNS

	Each	Doz.	100
4 -inch	$0.40	.....	$35.00
5 -inch	.55	.....	50.00
6 -inch	.80	.....	75.00
TABLE FERNS. Assorted varieties. 2¼-inch		$1.00	7.00

CARNATIONS { Write for our special list of Rooted Cuttings. Standard and New varieties.

FICUS ELASTICA

4-inch Pots, each	$ .50
5-inch Pots, each	.75

NEW INTRODUCTIONS AND SPECIALTIES

AGERATUM Cardinal Mundelein. Deep blue flowers in profusion. Dwarf, bushy and ideal in all respects.

	100	1000
Rooted Cuttings	$2.00	$ 15.00
2¼-inch plants	6.00	55.00

Riverside. Very dwarf, compact grower and free blooming. Medium blue.

	100	1000
Rooted Cuttings	$ 2.00	$15.00
2¼-inch	6.00	55.00

HELIOTROPE Centefleur. An extra free blooming, dark purple from cuttings. Blooms all summer.

	Doz.	100	1000
2¼-inch plants	$1.00	$7.00	$ 60.00

PENNISETUM Cupreum. Our new bronze Fountain Grass. Far superior to ordinary varieties. Wonderful dark bronze coloring in foliage and plumes.

	Doz.	100	1000
2½-inch plants	$2.50	$15.00	$145.00

PHILODENDRON Cordatum. The popular house vine, is liked better than English Ivy.

	Doz.	100	1000
2¼-inch plants. 3-6 leaves	$1.50	$10.00	$90.00

POTHOS Aurea Wilcoxii. New variegated Pothos much in demand.

	Doz.	100	1000
2¼-inch plants	$1.50	$10.00	$90.00

VERBENA Vaughan's Lavender Beauty. New Oxford type verbena, lilac-blue with large white eye. Free blooming and very large flowers.

	Doz.	100	1000
Rooted cuttings	$0.50	$3.00	$25.00

BEGONIA

	100	1000
Carmen. Bronze foliage, pink flowers. 2¼-inch	$ 6.00	$ 55.00
Chatelaine Supreme. 2¼-inch	7.00	65.00
Christmas Cheer Red. 2¼-inch	6.00	55.00
Christmas Pink. 2¼-inch	6.00	55.00
Melior. 2¼-inch	22.50	200.00

BOSTON FERN

CALADIUMS—Vaughan's Special Fancy-Leaved

	Doz.	100	1000
Rainbow Mixed	$2.00	$12.00	$110.00
Named Varieties. Our selection	2.00	13.00	120.00
Named. Your selection of varieties on color insert	2.25	14.00	120.00
Unusual and rare varieties. All named	2.75	16.00	140.00

CALCEOLARIAS Vaughan's Hybrid Mixture. 2¼-inch	8.00	75.00
Rosacker's New Varieties, also Pink Beauty, Stewartii, Brilliancy 2¼-inch	16.00	150.00
CINERARIAS Cremer's Prize Mixture. 2¼-inch	6.00	55.00
3-inch	9.00	80.00
CYCLAMEN Bright Red. Binnewies Strain. 2¼-inch	12.00	100.00
New Salmon Rose. Binnewies Strain. 2¼-inch	12.00	100.00
Glory of Wandsbek. 2¼-inch	12.00	100.00
Strong transplants of above Cyclamen. Ready in March	6.00	55.00

	Doz.	100
DRACAENA INDIVISA. 2¼-inch	$0.85	$ 6.00
3-inch	1.75	12.00
4-inch	4.00	30.00

GERANIUMS

	100	1000
Fiat. Dark salmon-pink. The color sells it. A good all-around variety and much in demand. 2¼-inch	$9.00	$75.00
Mme. Buchner. The best double white. 2¼-inch	6.50	60.00
Madame Landry. Salmon-pink with darker shading. 2¼-inch	6.50	60.00
Mme. Salleroi. Variegated leaves, 2¼-inch	5.50	50.00
Radio Red. The best all-around red Geranium. 2¼-inch	6.50	60.00
Rose. Scented leaves, 2¼-inch	5.50	50.00
Wyona. A glorified Ricard type containing more salmon hue. Very large blooms and free-flowering. 2¼-inch	9.00	75.00

PELARGONIUMS

Easter Greeting, Edith North, Gardener's Joy, Lucy Becker, Mrs. Layal, Swabian Maid, Princess, Pride of Quedlinburg, Wurtembergia

Prices on other varieties quoted upon request.

	Doz.	100	1000
Rooted Cuttings	$ 0.90	$ 6.00	$55.00
2-inch	1.20	8.00	75.00
3-inch	1.60	11.00	100.00

HYDRANGEAS FOR FORCING

The new list contains many of the recent American, French and German varieties offered in Rooted Cuttings and 2¼-inch stock for growing on as well as pot grown for forcing.

If you do not receive our list send us your requirements and we will quote.

	100	1000
ENGLISH IVY. Heavy, 2¼-inch	$ 6.00	$55.00
4-inch	25.00	.....
PITTSBURG SELF-BRANCHING IVY. 2¼-inch	6.50	60.00
4-inch Each 35c	30.00	.....
LANTANAS, Aurora, Radiation and Canary-yellow, 2¼-inch	6.00	55.00
PANDANUS VEITCHI. 4-inch Each $ 0.75	.....	.....
5-inch	1.25	Each 100
POINSETTIAS. Oak Leaf and Mrs. Paul Ecke.- 2¼inch	$10.00	$85.00
Sansevieria Laurentia. 3 inch	.30	25.00
4 inch	.60	50.00
5 inch	.85	75.00
Sansevieria Zeylanica. 4 inch	.45	35.00
5 inch	.75	60.00
SNAPDRAGONS. Ceylon Court—yellow, Cheviot Maid—early pink, Cincinnati—pink, Afterglow—bronze, Lucky Strike—white, Pennsylvania—orange. 2¼-inch	100 $5.00	1000 $45.00
VERBENA BEAUTY OF OXFORD. Cerise, 2¼-inch	6.00	55.00
VERBENA PINK BEAUTY OF OXFORD. 2¼ inch	6.00	55.00
VERBENA Rooted Cuttings, either variety	2.25	20.00
VINCA VARIEGATA. Rooted cuttings	2.00	15.00
2¼-inch	5.00	45.00

During the season we grow a complete line of spring bedding plants such as Asters, Coleus, Salvia, Petunias, etc. Write for our special list.

Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalog. If interested in getting any of these we offer to the trade a discount of 33⅓% on all varieties listed in Vaughan's Gardening Illustrated. This does not apply to any Special Offers listed therein; on these we offer a discount of 15%.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

KEY TO ABBREVIATIONS. F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus; S, Show.

PINK TONES

	Doz.	100
A. D. LIVONI. (S.) A beautiful soft pink with quilled petals	$0.85	$ 6.00
CONGRESSMAN WOLVERTON. (I.D.) Bright salmon-pink. Strong upright grower with long stiff stem	2.00	15.00
COUNTESS OF LONSDALE. (Str.C.) A delicate apricot, shading to carmine-pink. Good stem	1.75	12.00
DOROTHY STONE. (I.D.) A true deep shade of pink. A profuse bloomer	1.50	10.00
DR. JOHN H. CARMAN. (F.D.) A large tyrian rose, tipped silver on a stiff stem	1.75	12.00
JERSEY'S BEAUTY. (F.D.) The most popular Dahlia. Lavender-pink. Fine stem and foliage	1.50	10.00
JOSEPHINE G. (S.C.) A beautiful true rose-pink flower with petals tipped yellow	3.00	20.00
MARSHALL'S PINK. (F.D.) Color a beautiful delicate pink. Jersey Beauty formation produced on long, stiff stems	2.00	15.00
MRS. ALFRED B. SEAL. (F.D.) Pure rich glowing old rose on perfect stem	2.00	15.00
MRS. IDE VER WARNER. (F.D.) Large flowers of deep mauve-pink. Can be grown to a diameter of 11 inches	.85	6.00
PAPILLON. (S.C.) A blend of old rose and gold. Fine form	.85	6.00
SHAHRAZAD. (I.D.) Soft rose color, with habit and growth similar to Jane Cowl	2.00	15.00
VALENTINO. (F.D.) True salmon-pink, shading to cream at center. Is an upright grower	1.50	10.00
W. H. T. (F.D.) A rich old rose with mauve shading on reverse. Flowers carried on strong stem	2.00	15.00

RED TONES

BAGDAD. (F.D.) Flaming scarlet-red, borne high above the foliage so that it may be seen all over the garden	4.00	25.00
CITY OF WELLSTON. (F.D.) Rhodamine purple. Flowers of large size and perfect quality on long, straight stems	2.00	15.00
COQUETTE. (S.C.) A very large, deep flower of red and gold. Price, each, **50c**	1.50	10.00
GERTRUDE BRINTON. (F.D.) True brick red. Large well shaped flowers carried on strong stems. Medium height	1.50	10.00
JAMES KIRBY. (I.D.) A rich crimson coloring that is of dazzling brilliance and does not fade or burn in the sun. The plant is sturdy in growth and its clean-cut foliage affords a pleasing contrast to the beautiful blooms	4.50	30.00
JANE ROSS. (I.D.) Bright crimson overlaid with velvety maroon. Flowers of large size, depth, and substance, keeping well on the bush or after cutting. It attains a height of 5 to 6 ft., with many branches, each terminating with a giant bloom held erect.	5.00	35.00
JERSEY'S BEACON. (F.D.) Chinese-scarlet with a paler reverse giving a two-toned effect	1.50	10.00
MINA BURGLE. (I.D.) Flowers of gigantic size of glowing scarlet	1.25	8.00
MARS. (S.) Bright scarlet flowers of medium size	.85	6.00
MRS. C. D. ANDERSON. (S.) Rich, clear purple. Flowers large and almost round in form	1.25	8.00
MRS. L. L. HOOK. (F.D.) Blended shades of gorgeous purple, lighter on reverse. Beautiful, large blooms with wide pointed petals. The bush is hardy, tall and positively insect-resisting—never stunts	3.00	20.00
MONMOUTH CHAMPION. (F.D.) A brilliant flame color. Free bloomer	1.75	12.00
PORTHOS. (F.D.) Sparkling deep red of magnificent size	.85	6.00
SATAN. (S.C.) A flaming red cactus with a slight touch of gold at the center	4.00	30.00
SUPREME KING. (F.D.) A bright, very pleasing color American Beauty rose. Of good substance and good keeper. Excellent plant growth, free bloomer, flowers 10 in. across, stems perfect	3.75	25.00

WHITE TONES

CHEMAR'S EUREKA. (F.D.) One of the most beautiful white Dahlias, with a faint tinge of lavender on edge of petals	1.50	10.00
IDA PERKINS. (F.D.) A good garden and exhibition white dahlia with most excellent habits	2.00	15.00
JEAN KERR. (F.D.) A good commercial white much used by florists and in gardens where cut flowers are desired	1.50	10.00
MARGARET WOODROW WILSON. (I.D.) Face of petals creamy white, reverse Phlox-pink	.85	6.00
MAUDE ADAMS. (S.) Snowy white, overlaid clear delicate pink. Vigorous grower; one of the best	1.25	8.00
STAR OF BETHLEHEM. (S.C.) Pure white with fine pointed petals and tight center. Free bloomer and will produce exhibition blooms	4.00	30.00
WHITE KING. (F.D.) A pure white large-flowering dahlia of fine form and substance with strong stems	1.50	10.00
WHITE WONDER. (I.D.) A truly white Fort Monmouth. The giant blooms are pure white with long twisted and curled petals	5.00	35.00

LAVENDER and VIOLET SHADES

HARRY MAYER. (F.D.) A silver lavender with reverse of deep lavender. Sturdy growing habit and heavy texture	1.25	8.00
MARY ELLEN. (F.D.) Lavender pink, but more lavender than pink. Centers are closed the entire season, stems long and strong holding the bloom facing. One of the winners	1.50	10.00
SANHICAN'S BLUEBIRD. (I.D.) The outer petals at maturity are bright violet-blue, while the center retains the violet tint, the nearest approach to a blue dahlia	2.00	15.00
THOMAS A. EDISON. (F.D.) A royal purple with a brilliant rich finish. The size is large and the petals are of a stag-horn formation. Has every desirable habit, including a rich green foliage	3.00	20.00

JANE COWL.

YELLOW TONES

	Doz.	100
AVALON. (I.D.) Clear yellow. Large flowers on long stems	$1.25	$ 8.00
GOLDEN ECLIPSE. (F.D.) A golden yellow shading to a center of warm salmon or flesh color. A vigorous grower and a good exhibition and cut flower variety	4.00	25.00
GOLD MEDAL. (S.) Deep golden yellow, tipped and suffused oriental red, splendid form	1.50	10.00
HERCULES. (F.D.) A giant bloom of tangerine and deep yellow with reverse of petals a deep tangerine	.85	6.00
MARY HELEN. A wonderful golden primrose. One of the best ball type. Large, perfect and fine stem	.85	6.00
PENN CHARTER. (I.D.) Clear golden yellow, tinted apricot, a deep massive graceful flower	1.25	8.00
THE COMMODORE. (I.D.) A brilliant lemon-yellow with large blooms. Plant is a medium grower with spreading habit and of sturdy growth. A prolific bloomer, the bushes being literally covered with blooms throughout the season	2.00	15.00
YELLOW DUKE. (S.) Clear canary yellow. Very large and free bloomer with strong stem	1.25	8.00

ORANGE TONES

CITY OF TRENTON. (I.D.) A rich glowing tangerine orange, the reverse petals a strawberry red	2.00	15.00
HILLCREST FLUFFY RUFFLES. (I.D.) The color is a soft apricot, beautiful and rare. The blooms are extra large and the petals are fluffy and curled. It is a profuse bloomer with good stems and insect-resisting foliage	3.00	20.00
KENTUCKY. (F.D.) A brilliant salmon. A thrifty grower and prolific bloomer	1.75	12.00
PRIDE OF STRATFORD. (I.D.) A large two-tone orange variety with a very deep reverse	1.50	10.00
ROSE FALLON. (F.D.) Dark orange tinted with amber and salmon and both pleasing and effective. Strong grower	1.75	12.00
SAGAMORE. (F.D.) A golden color, shaded toward the center with warm salmon-rose or orange-buff	1.75	12.00

AUTUMN TONES

A Combination of Several Colors

BARBARA REDFERN. (F.D.) A delightful blend of old rose and gold, of immense size and depth	2.00	15.00
EDNA FERBER. (S.C.) Glistening coral, shading to rose. Large perfect flowers on fine stems	2.50	18.00
JANE COWL. (I.D.) A large flower of a warm buff and old gold blending to a bright salmon at the center	1.50	10.00
MYRA HOWARD. (I.D.) A glowing combination of yellow, cadmium and gold with tints of salmon	2.00	15.00
NATHAN HALE. (F.D.) Rich autumn bronze of medium size and an excellent keeper	1.50	10.00

POMPONS

BACCHUS. Clear, bright red, rounded and full	1.25	8.00
CATHERINE. Bright yellow, good form and stem	.85	6.00
EDITH MUELLER. A bright cerise-pink. A fine cutting variety.	1.75	12.00
EUREKA. Yellow, shading to bronze	.85	6.00
JOE FETTE. Pure white	1.25	8.00
LITTLE HERMAN. Cardinal red shaded maroon tipped white.	.85	6.00
LITTLE IRINE. Deep creamy yellow	.85	6.00
MARY MUNNS. Fuchsia, dark orchid sheen	1.50	10.00
NELLIE FRAZER. Light pink, edged deeper	.85	6.00
ROSA WILMOTH. Small fine formed rose-pink	1.25	8.00
SNOWCLAD. Pure white, one of the best	1.25	8.00
VIVID. Brilliant scarlet, good for cutting	1.25	8.00
YELLOW GEM. One of the best yellow pompons	.85	6.00

Un-Named Dahlias

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white, yellow, and variegated; strong divisions of field roots, per 1,000, **$50.00**	.85	6.00
Mixed strong division, per 1,000, **$35.00**	.60	4.00

Less than six tubers at double the 100 rate.

ANEMONE Japonica.

An outstanding novelty, a fringed semi-double Shasta Daisy.

CHRYSANTHEMUM Chiffon.

DICTAMNUS Fraxinella (Gas Plant).

Hardy Perennial Plants

All Perennials are furnished in strong Pot Plants or one-year Field Roots except as noted. Five or more of one variety at the ten rate. Twenty-Five or more at the hundred rate. Less than five, double the rate per hundred.

PLANTS FOR ROCK GARDENS

The sign X is placed after varieties especially suited for use in rock gardens.

	10	100
ACHILLEA		
Crimson Beauty. Dark rose pink. 2 ft. All summer	$1.25	$10.00
Perry's Variety. Double white. 2 ft. All summer	1.25	10.00
Ptarmica, The Pearl. Dble. white. 2 ft. All summer	1.25	10.00
The different varieties of Achillea are much used for cut flowers.		
AGROSTEMMA Coronaria Atrosanguinea. X. Red, silvery foliage. 1 ft. All summer	1.25	10.00
AJUGA Genevensis. X. Blue. 5 in. May	1.25	10.00
Reptans Rubra. X. Blue. 5 in. May	1.25	10.00
ALYSSUM Saxatile Compactum. X. Yellow. 1 ft. May	1.15	9.00
ANCHUSA Italica Dropmore. Blue. 4 ft. June-Sept.	1.15	9.00
Myosotidiflora. X. Blue. 1 ft. May-June	1.25	10.00
ANEMONE Japonica.		
Alba. Single white	1.50	12.00
Alice. Single flesh pink	1.50	12.00
Hupehensis. Rose pink	1.50	12.00
Lorelei. Pink	1.50	12.00
Queen Charlotte. La France pink, semi-double	1.50	12.00
September Charm. An earlier Hupehensis	1.50	12.00
Whirlwind. Excellent double white	1.50	12.00
ANTHEMIS Sancti Johannis. New. Yellow. 2 ft.	1.85	15.00
Perry's Variety. Yellow. 2 ft. All summer	1.25	10.00
AQUILEGIA (Columbine).		
Coerulea. Blue and white. 2½ ft. June	1.25	10.00
Crimson Star. Coppery crimson, long spurs, 2½ ft. June	1.50	12.00
Dobbie's Imperial Hybrids. Mixed. 2½ ft. June	1.25	10.00
Mrs. Scott Elliott. Long-spurred mixture. 2½ ft. June	1.25	10.00
Rosea. Rose-pink. 2½ ft. June	1.25	10.00
ARABIS Alpina. X. (Rockcress.) White. 6 in. Apr.-June	1.25	10.00
ARTEMISIA Lactiflora. White. 4 ft. Aug.-Sept.	1.15	9.00
Silver King. Silvery foliage. 3 ft. All summer. Highly desirable as a cut flower and also for drying	1.25	10.00
ASCLEPIAS Tuberosa. Orange. 2 ft. July-Aug.	1.25	10.00
ASPARAGUS Verticillatus. Fine foliage plant. 12 ft	.75	6.00
ASTER Abendrothe. Pink. 4 ft. Sept.-Oct.	1.25	10.00
Alpinus. X. Blue. 9 in. May-June	1.25	10.00
Amethyst. Deep blue. 3 ft. September	1.50	12.00
Charles Wilson. New. Best red. 2½ ft. September	1.50	12.00
Climax. Blue. 4 ft.-5 ft. Sept.-Oct. One of the best fall cut flowers	1.25	10.00
Hybridus Luteus (Solidago). Small yellow. 2 ft. Sept.	1.25	10.00
Japanese Double White. 2 ft. Aug.-Oct.	1.50	12.00
Red Rover. New. Rosy red. 3 ft. Sept.	1.85	15.00
Skylands Queen. New. Sky blue. 2½ ft. Sept.	1.50	12.00
Snowdrift. New. White. 3 ft. Sept.	1.25	10.00
Subcoeruleus. X. Mauve. 1 ft. June	1.25	10.00
Wartburg Star. X. Lavender blue. 6 in. May	1.50	12.00
White Lady. 4 ft. Sept.-Oct.	1.00	8.00
New Dwarf Varieties		
Countess of Dudley. Clear pink. 12 in. Sept.	1.25	10.00
Marjorie. Rose pink. 8 in. Sept.	1.25	10.00
Nancy. Flesh pink. 9 in. Sept.	1.25	10.00
Victor. Lavender blue. 9 in. Sept.	1.25	10.00
AUBRIETIA Hybrids. X. (Wall Cress). Shades of lavender. 6 in. April-May	1.25	10.00
BAPTISIA Australis. Blue. 3 ft. June-July. 2 year clumps	.85	7.00
3 year clumps	1.25	10.00
BOLTONIA Asteroides. White. 6 ft. Aug.-Sept.	1.25	10.00
Latisquama. Pink. 5 ft. Aug.-Sept.	1.25	10.00

	10	100
BUDDLEIA Charming. New pink variety, fast growing, large blossoms	$3.50	$30.00
Fortune. The new Pink Buddleia. A patented variety of great merit. Large rose pink blooms. July to Sept. 2¼ in. pot plants	4.50	35.00
Ile de France. (New). Dark purple. 4 ft. July-Sept. This new Buddleia will prove of great value as a summer cut-flower for bouquets and funeral work. 2¼-in. pot plants	1.25	10.00
3-in. plants	1.85	15.00
CAMPANULA Calycanthema (Canterbury Bells, Cup and Saucer). **Blue.** 3 ft. July	1.25	10.00
Calycanthema. Pink. 3 ft. July	1.25	10.00
White. 3 ft. July	1.25	10.00
Carpatica. Blue. X. 9 in. July-Aug.	1.00	8.00
Alba. X. White. 9 in. July-Aug.	1.00	8.00
Glomerata Superba. Purple, 2 ft. July-August	1.25	10.00
Medium (Canterbury Bells). **Blue.** 3 in. June-July	1.15	9.00
Rose. 3 ft. June-July	1.15	9.00
White. 3 ft. June-July	1.15	9.00
Persicifolia. Blue. 2 ft. June-July	1.00	8.00
Alba. White. 2 ft. June-July	1.00	8.00
Telham Beauty. Blue. 2 ft. June	1.25	10.00
Pyramidalis. Lavender blue. 4 ft. July-Sept.	1.25	10.00
Alba. White. 4 ft. July-Sept.	1.25	10.00
CARNATION Grenadin. 1 ft. July. Pink, red and white	1.25	10.00
CASSIA Marylandica. Yellow. 4 ft. Aug.	1.00	8.00
CENTAUREA Macrocephala. Yellow. 3 ft. June	1.25	10.00
CENTAUREA Montana. Blue. 2 ft. June-Sept.	1.00	8.00
2 year clumps	1.25	10.00
CHRYSANTHEMUM		
Chiffon (New). Fringed and lacinated semi-double white flowers on stout stems over a long blooming period. An outstanding novelty	1.85	15.00
King Edward Shasta Daisy. White. Makes good cut flower. 3 ft. All summer	1.15	9.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.	1.00	8.00
Millifoliatum. New. 2 ft. Yellow. All summer	1.50	12.00
Supreme. Large white. One of the best. 2 ft. July-Aug.	1.25	10.00
Uliginosum. White. 3 ft. Sept.	1.25	10.00
CIMICIFUGA Racemosa. White. 4 ft. July-Aug.	1.25	10.00
CLEMATIS.		
Recta Grandiflora. White. Large flowers. 2 ft. 2 year clumps	1.00	8.00
CONVALLARIA MAJALIS. Lily of the Valley. Field grown.	1.85	15.00
COREOPSIS Lanceolata Grandiflora. Yellow. 2 ft.	.85	7.00
Golden Giant. New variety with extra large flowers. In bloom all summer	1.50	12.00
Grandiflora Fl. Pl. Double, from seed. 2 ft. All summer	1.25	10.00
DAISY Hartje & Elder. Early. Blooms for Decoration Day. Valuable cut flower	1.00	8.00
DELPHINIUM Belladonna Improved. Light blue. All summer	1.00	8.00
Bellamosum. Medium blue. 3 ft. All summer	1.00	8.00
Blackmore & Langdon Hybrid. Mixture	1.50	12.00
Chinese Album. White. 2 ft. July	1.00	8.00
Chinese Blue. Blue. 2 ft. July	1.00	8.00
Formosum. Dark blue, white center. 4 ft. All summer	1.00	8.00

Less than five, double the rate per hundred. All varieties followed by X are suitable for rock gardens.

HOSTA (Funkia or Day Lily).

DICENTRA (Bleeding Heart).

VERONICA Longifolia Subsessilis.

Hardy Perennial Plants—(Continued)

	10	100
DELPHINIUM—Continued		
Indigo. Darkest blue. 4 ft.	$1.00	$ 8.00
Vaughan's Gold Medal Hybrids. Mixed colors. 4 ft.	1.25	10.00
Wrexham Hollyhock Flowered. Choice hybrid mixture. 5 ft.	1.85	15.00
DIANTHUS		
Atro-coccineus Fl. Pl. ×. Deep scarlet. 1 ft. All summer	1.25	10.00
Barbatus (Sweet William) Albus. White. 1 ft. June-July	1.15	9.00
Diadematus. Crimson, white eye. 1 ft. June-July	1.15	9.00
Scarlet Beauty. Vivid scarlet. 1 ft. June-July	1.15	9.00
Johnsons' Giant Mixed. 1 ft. June-July	1.15	9.00
Pink Beauty. 1 ft. June-July	1.15	9.00
Vaughan's Special Mixed	.85	7.00
Beatrix. ×. Salmon pink. Double. 10 in. All summer	1.50	12.00
Crimson King. Crimson. Very double. 2 ft. All summer	1.25	10.00
Deltoides (Maiden Pink). ×. Pale pink. 8 in. June	1.00	8.00
Fuerst Bismarck. ×. Double. Rose pink. 10 in.	1.25	10.00
Plumaris Allwoodi Alpinus. ×. Mixed colors. 6 in. July	1.25	10.00
Caesius. × Rose. 4 in. June-July	1.00	8.00
Cyclops. × Dark rose. 9 in. June-July	1.00	8.00
Highland Queen. ×. Scarlet. 1 ft. June-August	1.25	10.00
Nanus Fl. Pl. × Shades of pink and red. 1 ft. May-June.	1.00	8.00
Spring Beauty. ×. Double Grass Pink. 12 in. July	1.25	10.00
Vaughan's Special Mixture. ×. Plumaris types	1.00	8.00
DICTAMNUS Fraxinella. Deep pink. 3 ft. June-July	.85	7.00
Fraxinella Albus. White. 3 ft. June-July	.85	7.00
2 year clumps. **Pink** or **White**	1.25	10.00
DICENTRA Spectabilis. (Bleeding Heart). Pink. 1½ ft.	2.50	20.00
DIGITALIS Gloxiniaeflora (Foxglove) **Pink.** 3 ft. June-July	1.15	9.00
Purple. 3 ft. June-July	1.15	9.00
White. 3 ft. June-July	1.15	9.00
Grandiflora Ambigua. Yellow. 2 ft. June	1.00	8.00
Shirley Hybrids. Mixed colors. 5 ft. June-July	1.25	10.00
DODECATHEON MEADIA. ×. Rose. 8 in. May-June	1.00	8.00
DORONICUM Caucasicum. Yellow. 2 ft. May-June	1.85	15.00
ECHINACEA Purpurea. (Coneflower.) Purple. Useful cut flower. 4 ft. July-August	1.00	8.00
ECHINOPS Ritro. Steel-blue. 3 ft. July-Aug.	1.20	9.00
ERYNGIUM Amethystinum. Steel blue. 3 ft. July-Aug.	1.25	10.00
EUPATORIUM Coelestinum. Blue. 2 ft. Aug.-Oct.	1.00	8.00
EUPHORBIA Polychroma. Yellow. 1 ft. April	1.25	10.00
FUNKIA Cordata Aurea Variegata. (New). Lilac. 1½ ft. Aug.	1.25	10.00
Coerulea Lanceolata. (Plantain Lily.) Mauve. 1½ ft. July	1.00	8.00
Japonica Aurea Marginata. ×	1.25	10.00
Subcordata Grandiflora. ×. White. 1½ ft. August	1.50	12.00
Undulata Variegata. × White. 1½ ft. August	1.50	12.00
GAILLARDIA Bremen. Coppery scarlet tipped yellow. 2 ft. All summer	1.15	9.00
Burgundy. Wine-red. 2 ft. All summer	1.25	10.00
New Hybrids. Mixed colors. 2 ft. All summer	.85	7.00
New King. Selected, large flowering strain. 2 ft.	1.25	10.00
Sun God. New. Large chamois yellow blooms, basal branching. 2 ft. July until frost. Valuable cut flower	1.85	15.00
Torchlight. Yellow, maroon center. 2 ft. All summer	1.15	9.00
GERBERA Hybrids. Mixed pastel shades. 18 in. Aug.-Sept.	3.00	25.00
GEUM, Lady Stratheden. ×. Golden. 1½ ft. All summer	1.25	10.00
Mrs. J. Bradshaw. ×. Orange-red. 1½ ft. All summer	1.25	10.00
Orange Queen. ×. Scarlet orange. 1½ ft. All summer	1.25	10.00
GLOBULARIA Trichosantha. ×. Dark blue. 4 in. June	1.25	10.00
GRASS Eulalia Japonica Variegata. 3 ft.	1.00	8.00
Phalaris Arundinacea Var. 3 ft.	1.00	8.00
GYPSOPHILA Bristol Fairy. Double white. 3 ft. July-Sept. Useful cut flower, also for drying	3.00	25.00
Bodgeri. New; continuous flowering, double white. 18 in.	1.85	15.00
Oldhamiana. Pink. Good for cutting	1.25	10.00
Pacifica. Single pink. 4 ft. July	1.25	10.00
Paniculata. White. 3 ft. June-July	.85	7.00
Repens. ×. White. 4 in. All summer	1.00	8.00
Rosenschleier (Rosy Veil). Double pink. 2 ft. All summer	3.00	25.00

	10	100
HELENIUM Autumnale Rubrum. Brownish red. 3 ft.	$1.25	$10.00
Riverton Beauty. Yellow. Useful cut flower. 3 ft. June-July	1.25	10.00
HARDY FERNS. Adiantum Pedatum. (Maidenhair Fern.) 1 ft.	1.50	12.00
Aspidium Spinulosum. (Spinulose Wood Fern.) 1½ ft.-2 ft.	1.50	12.00
Asplenium Filix-Femina. (Lady Fern.) 2 ft-3 ft	1.50	12.00
Onoclea Struthiopteris. (Ostrich Fern.) 3 ft.-4 ft.	1.50	12.00
Osmunda Claytoniana. 2 ft.-3 ft.	1.50	12.00
HELIANTHEMUM Mutabile. ×. Pastel shades. 6 in. All summer	1.25	10.00
HELIANTHUS Multiflorus Plenus. (Dahlia flowered sunflower.) Deep yellow. 4 ft. Aug.-Sept. Extremely valuable to florists because it produces ideal cut flowers during a time when yellow flowers are scarce. Resembles a large disbudded pompon chrysanthemum on a 3-foot stem	1.25	10.00
HELIOPSIS Double Lemoine. Orange. 2½ ft. All summer. Excellent cut flower	1.50	12.00
HEMEROCALLIS Aureole. Deep orange-yellow with bronze reverse. 2 ft. May-June	.75	5.00
Dr. Regel. Rich orange-yellow. 1½ ft. May-June	1.00	8.00
Flava. (Lemon Lily.) Lemon. 3 ft. May. Fragrant	1.25	10.00
Florham. Lemon. 3 ft. July	1.00	8.00
Fulva Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug.	.75	5.00
Sovereign. Chrome yellow. Fragrant. 2 ft. May-June	.75	5.00
Thunbergi. Golden yellow. 3 ft. July	1.00	8.00
NEW HYBRID HEMEROCALLIS		
Cinnabar. Shadings of brown to yellow. 2½ ft. July-August. Each, $1.00	9.00	75.00
J. A. Crawford. Apricot yellow and cadmium. 4 ft. Late June. Each, $0.50	4.00	35.00
Hyperion. Vigorous citron-yellow. 3½ ft. July-Aug. Each, .85	7.20	60.00
Lemona. Large pale yellow. 4½ ft. Early July. Each, .45	3.75	30.00
Ophir. Giant golden yellow. 4 ft. July. Each, .60	5.00	40.00
The Gem. Dark orange-yellow. 3½ ft. June. Each, .45	3.75	30.00
HEUCHERA Brizoides Gracillima. ×. Flesh pink. 1½ ft.	1.50	12.00
New Hybrids. ×. Pink and red. 1½ ft. May-July	1.50	12.00
Pluie De Feu. (Rain of Fire.) Deep coral red. 18 in. All summer	1.85	15.00
Sanguinea. ×. Coral red. 1½ ft. May-July	1.50	12.00
HIBISCUS. Red, white, or pink. 5 ft. July-Aug. Each	1.00	8.00
2 year clumps	1.25	10.00
HOLLYHOCK. Double white; double pink; double yellow; double maroon and double red or mixed	1.00	8.00
HOSTA—See Funkia.		
HYPERICUM Moscrianum. ×. Yellow. 1 ft. All summer	1.25	10.00
IBERIS Sempervirens. ×. White. 8 in. May-June	1.25	10.00
LAVENDER Vera. Lavender. 1½ ft. July-Aug.	1.50	12.00
LIATRIS Pycnostachya. Purple. 5 ft. Sept.	1.25	10.00
Spicata. Purple. 3 ft. Sept.	1.25	10.00
LINUM Perenne. ×. Blue. 10 in. All summer	1.25	10.00
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug.	1.00	8.00
Syphilitica. Blue. 3 ft. Aug.	1.00	8.00
LUPINUS Albus. (Lupine.) White. 3 ft. June-Aug.	1.25	10.00
Blue. 3 ft. June-Aug.	1.25	10.00
Downers Hybrids. Mixed colors. 3 ft. June-Aug.	1.50	12.00
Roseus. Rose-pink. 3 ft. June-Aug.	1.50	12.00
LYCHNIS Chalcedonica. Scarlet. 2 ft. July	1.00	8.00
Viscaria Splendens. Bright rose. 1½ ft. June	1.00	8.00
LYTHRUM Rose Queen. Pink. 3 ft. July-Aug. Desirable cut flower	.85	7.00
MATRICARIA Capensis Fl. Pl. (Double Feverfew.) White. Good for cut flowers. 1 ft. June-Aug.	1.00	8.00
MERTENSIA Virginica. ×. Purplish blue. 1½ ft. Apr.-May.	.85	7.00
MINT. Useful herb	1.00	8.00
MONARDA Didyma. Red. 3 ft. July-Aug.	1.25	10.00
Fistulosa. Purple. 3 ft. July-Aug.	.85	7.00
MYOSOTIS Palustris. ×. (Forget-me-not). Blue. 5 in.	1.00	8.00
NEPETA Mussini. ×. Blue. 2 in. June-July	1.15	9.00
NIEREMBERGIA Rivularis. ×. White. 4 in. All summer	1.15	9.00
PACHYSANDRA Terminalis. ×	1.00	8.00
Rooted runners of Paschysandra, per 1000, **$65.00.**		

Less than five, double the rate per hundred. All varieties followed by × are suitable for rock gardens.

Hardy Perennial Plants—(Continued)

	10	100
PAPAVER Beauty of Livermore. Crimson. 3 ft. May-June	$1.85	$15.00
Mrs. Perry. Pink. 3 ft. May-June	1.50	12.00
Royal Scarlet. 3 ft. May-June	1.15	9.00
PENTSTEMON Barbatus Torreyi. Scarlet. 4 ft. June-Aug.	1.00	8.00
Grandiflorus. Blue. Glaucous foliage. 18 in. June	1.25	10.00
Pubescens. Rosy purple. 2 ft. July	1.00	8.00
PHYSALIS Franchetti. (Chinese Lantern.) Orange. 2 ft. Oct.	1.00	8.00
PHYSOSTEGIA Grandiflora Vivid. X. Bright pink. 2 ft.	1.25	10.00
PLATYCODON Grandiflorum. (Balloon Flower.) Blue. 2 ft.	.85	7.00
Grandiflorum Album. White. 2 ft	.85	7.00
PLUMBAGO Larpentae. X Blue. 6 in.	1.25	10.00
POLEMONIUM Coeruleum. X. Deep blue. 1½ ft. June-July	1.00	8.00
PRIMULA. (Primrose.)		
Acaulis Lilacina Fl. Pl. X. Double lavender. 6in. April-May	3.00	25.00
Auricula. X. Mixed colors. 6 in. April-May	2.50	18.00
Veris. X. Mixed colors. 6 in. April-May	1.50	12.00
Veris Kleynii. New. Large golden yellow. 8 in. Apr.-May	1.85	15.00
Veris Munstead Strain. Pale yellow shades. 8 in. April-May.	1.50	12.00
PYRETHRUM Roseum. (Painted Daisy.)		
Single. Mixed colors. 2 ft. May-June	.85	7.00
James Kelway. Red. 2 ft. May-June	1.25	10.00
Uliginosum. White. 3 ft. Aug.-Sept	1.00	8.00
RANUNCULUS Acris. Double yellow. 6 in. May-July	1.25	10.00
ROSA Rouletti (Miniature Rose.) X. Rose-pink. 6 in.	2.50	20.00
RUDBECKIA Laciniata. Fl. Pl. (Golden Glow.) Yellow. 6 ft. Aug.	1.00	8.00
SALVIA Azurea Grandiflora. Blue. 4 ft. Aug.-Sept.	1.00	8.00
Officinalis. Sage for seasoning	1.25	10.00
Pitcheri. Deep blue. 4 ft. Aug.-Sept	1.25	10.00
SAPONARIA Ocymoides. X. Rose. 6 in. June-Aug.	1.25	10.00
SAXIFRAGA Cordifolia. X. Light pink. 1 ft. Apr.-May	1.25	10.00
SCABIOSA Caucasica. Lavender blue. 2 ft. All summer	1.25	10.00
House's Hybrids. Lavender blue shades. 2 ft. All summer	1.50	12.00
SEDUM. (Stone Crop.)		
Acre. X. (Golden Moss) Yellow. 2 in. May-July	.75	6.00
Album. X. White. 2 in. May-July	.85	7.00
Kamtschaticum. X. Orange-yellow. 6 in. August	1.00	8.00
Reflexum. X. White. 3 in. June	1.00	8.00
Rubrum. Pink, red foliage. 1½ ft. Sept.	1.25	10.00
Sarmentosum. X. Yellow. 3 in. July	.75	6.00
Sexangulare. X. Yellow. 3 in. June-July	1.00	8.00
Sieboldi. X. Pink. 4 in. Aug.-Oct	1.25	10.00
Spathulatum Purpureum. Red foliage. 1½ ft. Aug.-Sept.	1.25	10.00
Spectabile. Pink. 1½ ft. Aug.-Sept	1.00	8.00
Spectabile Brilliant. Red. 1½ ft. Aug.-Sept	1.25	10.00
Spurium. X. Pink flowers, red foliage. 6 inch. July-August	.75	6.00
SEMPERVIVUM. (Hen and Chickens.)		
Globiferum. X. Yellow. 1 ft. June	1.00	8.00
Tectorum. X. Light red. 1 ft. June	1.00	8.00
SHASTA Daisy. See Chrysanthemum maximum.		
SIDALCEA Rosy Gem. Pink. 1½ ft. All summer	1.25	10.00
SILENE Schafta. X. Bright pink. 6 in. July	1.00	8.00
SPIRAEA Filipendula Hexapetala. X. White. 1 ft. June-July	1.00	8.00
STATICE Latifolia. (Sea Lavender.) Blue. 2 ft. Aug.-Sept.	.85	7.00
3 year clumps	1.00	8.00
STOKESIA Cyanea. X. (Cornflower Aster.) Sky-blue. Makes good cut flowers. 1 ft. Aug.-Sept.	1.00	8.00
Sweet William, see Dianthus Barbatus.		
TARRAGON, TRUE. (Artemesia Dracunculus)	2.40	20.00
THALICTRUM Adiantifolium. X. Yellow, fern-like foliage. 1 ft. June-July	1.25	10.00
Aquilegifolium. X. White. 2 ft. May-July	1.25	10.00
Dipterocarpum. Rosy purple. 4 ft. Aug.-Sept.	1.50	12.00
Glaucum. Yellow. 3 ft. June	1.00	8.00
THERMOPSIS Caroliniana. Yellow. 2 ft. June-July	1.25	10.00
THYMUS Citriodorus. X. (Lemon Thyme.) Red. 4 in. June	1.00	8.00
Serpyllum Coccineus. X. Red. 2 in. June-July	.85	7.00
Splendens. X. Purple 3 in. June-July	.85	7.00
TRADESCANTIA Heavenly Blue. Pale blue. 1½ ft. July-Aug.	1.50	12.00
Leonora. Dark blue. 1½ ft. July-Aug.	1.50	12.00
TRILLIUM Grandiflorum. X. White. 12 in. May-June	.85	7.00
TRITOMA Pfitzeri. (Red Hot Poker.)	1.25	10.00
TROLLIUS Golden Queen. Large orange. 3 ft. Spring and Fall	1.85	15.00
Ledebouri. (Globe Flower.) Orange-yellow	1.50	12.00
New Hybrids. Orange and yellow shades. 2 ft. May-July	1.50	12.00
TUNICA Saxifraga. X. Light pink. 6 in.	1.00	8.00
Saxifraga Fl. Pl. X. Light pink. 6 in. A double form of above	1.25	10.00
VALERIANA Officinalis. Light pink. 5 ft. June-July	1.00	8.00
Var. Rubra. Red. 2 ft. July-Aug.	1.00	8.00
VERBASCUM Hybrids. Yellow, cream, etc. 3 ft. July-Aug.	1.50	12.00
VERONICA Amethystina. X. Blue. 1 ft. June-July	.85	7.00
Armena. X. Pale blue. 1 in. Apr.-May	1.25	10.00
Incana. X. Blue, silvery foliage. 12 in. July-Aug.	1.25	10.00
Longifolia Subsessilis. Blue. 2 ft. Aug.-Sept.	1.50	12.00
Longifolia. Light blue. 2 ft. July-Aug.	1.00	8.00
Rupestris. X. Blue. 5 in. June	1.25	10.00
Spicata. Blue. 2 ft. Aug.	1.00	8.00

VERONICA—Continued

	10	100
Spicata Rosea. Pink. 2 ft. July-August	$1.00	$8.00
Teucrium. X. Blue. 6 to 12 inches. May-June	1.00	5.00
VINCA Minor. X. (Periwinkle.) Blue. 6 in. 2½ inch pots	.85	7.00
Field grown Per 1000, $35.00	.75	5.00
Bowles Variety. X. Improved type, free flowering. Blue. 6 in. Spring and Fall	1.50	12.00
VIOLA, Admiration. X. Purple. 6 in.	.85	7.00
Chantryland. X. Apricot. 6 in. All summer	.85	7.00
Cornuta Lutea. X. Yellow. 6 in.	.85	7.00
Jersey Gem. X. Violet. 6 in.	1.25	10.00
White Perfection. X. White. 6 in.	.85	7.00
VIOLET Florence. X. Fragrant single white, faint purple veining. 6 in. Spring	1.50	12.00
Frey's Fragrant. X. Single purple. 6 in. May	1.25	10.00
Prince of Wales. X. Single, purple-violet. 6 in. May	1.25	10.00
Rosina. X. Rose-pink. 6 in., spring and fall	1.50	12.00
YUCCA Filamentosa. 2 yr. White. 6 ft. July	1.00	6.00
Filamentosa. 3 yr. White. 6 ft. July	1.25	8.00
Glauca Angustifolia. Purplish white. 6 in. July. 2 year.	1.25	10.00
3 year	1.50	12.00

Hardy Phlox

Africa. Carmine red with darker eye	1.50	12.00
Augusta Patented. Brilliant cherry red	2.50	18.00
B. Comte. Amaranth purple	1.25	10.00
Baron Von Dedem. Orange-scarlet. Large flowers and heavy trusses	1.15	9.00
Brilliant. Deep rose, darker eye	1.25	10.00
Champs Elysees. Dark reddish purple	1.50	12.00
Columbia. (Patented.) Cameo pink, faint blue eye	1.75	15.00
Daily Sketch. New. Immense salmon-pink, crimson eye	1.85	15.00
E. Farrington. New. Soft salmon-pink, with lighter eye	1.85	15.00
Emain Macha. Cardinal red	1.85	15.00
Enchantress. Bright salmon-pink	1.50	12.00
Europa. White, faint red eye	1.25	10.00
Feuerbrand. Brilliant red	1.85	15.00
Flora Reidy. White. Medium height	1.25	10.00
Goliath. Light reddish purple. Tall. Early	1.25	10.00
Graf Zeppelin. New. Snow white, deep red eye	1.50	12.00
Leo Schlageter. New. Flame or orange scarlet	1.85	15.00
Lillian. Salmon, faint blue eye	1.50	12.00
Miss Lingard (Suffruticosa). Earliest to bloom. White	1.50	12.00
Miss Von Lassberg. Tall white	1.25	10.00
Mrs. Jenkins. Tall white, immense flowers	1.25	10.00
Mrs. Milly Von Hoboken. Bright pink, faint mauve suffusion	1.50	12.00
Painted Lady. Soft silvery pink, dark red eye	1.50	12.00
Rheinlander. Salmon-pink, red eye	1.25	10.00
Salmon Queen. A true large salmon-pink	1.50	12.00
Starlight. Light purple, white center star	1.50	12.00
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best	1.15	9.00
Von Hochberg. Deep blood-red	1.85	15.00
Mixed. Varieties with labels lost. Some very good stock	1.00	8.00

DWARF AND ALPINE PHLOX

Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for rockeries, the front of borders and over graves.

	10	100
Amoena. X. Pink. 8 in. May	$1.25	$10.00
Divaricata Canadensis. X. Pale blue. 10 in. May	1.25	10.00
Ovata Carolina. X. Red. 12 in. June-July	1.25	10.00
Subulata Alba. X. Pure white. 4 in. Spring	1.15	9.00
Atropurpurea. X. Purplish red. 3 in. Spring	1.25	10.00
Lilacina. X. Pale lilac. 4 in. Spring	1.00	8.00
Mrs. G. F. Wilson. X. Lavender. 4 in. Spring	1.25	10.00
Rosea. X. Rose-pink. 4 in. Spring	1.00	8.00
Pink Cushion X. Compact, free flowering form. 3 in.	1.50	12.00
Vivid. X. Dark salmon pink. 3 in. Spring	1.50	12.00

ROCK GARDEN PLANTS

The following list includes all the best hardy varieties used in Rock Gardens. For complete description and prices see our list of Hardy Perennial Plants on pages 50 to 52.

Varieties marked (*) are suitable for shade.

*Ajuga Reptans
Alyssum Saxatile Compactum
Arabis Alpina
Aster Subcoeruleus
Aubretia Hybrids
*Campanula Carpatica
*Campanula Rotundifolia
Dianthus Atro-coccineus Fl. Pl.
Plumaris Caesius
Plumaris Cyclops
Plumaris Deltoides
Plumaris Dentosus Hybrids
Plumaris Graniticus
Plumaris Nanus Fl. Pl.
Globularia Trichosantha
Gypsophila Repens
*Heuchera New Hybrids
Linum Perenne
*Myosotis Palustris
Nepeta Mussini
*Pachysandra Terminalis
*Phlox Amoena
*Phlox Divaricata
Phlox Subulata Lilacina
*Phlox Subulata Rosea
Plumbago Larpentae
*Primula Veris
Ranunculus Acris Fl. Pl.
*Saxifraga Cordifolia
*Sedum Acre
Sedum Album
*Sedum
Reflexum
Rubrum
Sarmentosum
Sexangulare
*Sieboldi
*Spurium
Sempervivum Globiferum
Sempervivum Tectorum
Silene Schafta
Spiraea Filipendula Hexapetala
*Thalictrum Adiantifolium
Thymus, all varieties
*Trillium Grandiflorum
Tunica Saxifraga
Veronica Amethystina
Armena
Incana
*Repens
Rupestris
Teucrium
*Vinca Minor
*Viola Jersey Gem
*Violet Frey's Fragrant
*Violet Prince of Wales

Less than five, double the rate per hundred. All varieties followed by X are suitable for rock gardens.

Vaughan's Chrysanthemum Rooted Cuttings

Produced by a specialist from stock plants especially grown for cuttings and kept free from insect pests. By using these plants you get superior vigor and save on spray materials. Prices F. O. B. Western Springs, Ill.

Less than 25 of any variety at double the rate per 100.

LARGE FLOWERING COMMERCIAL VARIETIES

	Matures	Price per 100	Price per 1000
Ambassador. White	Oct. 16-20	$3.00	$27.50
Apricot Queen. Orange	Oct. 25	3.00	27.50
Betsy Ross. White	Nov. 5	3.00	27.50
Bronze Frick. Bronze	Thanks.	5.00	40.00
Camilla. White	Oct. 18	3.00	27.50
Cardonia. Deep, rich yellow	Nov. 1-7	3.00	27.50
Celestra. Yellow	Oct. 10	3.00	27.50
Chadwick, Bronze. Bronze	Thanks.	3.00	27.50
Chadwick, Golden. Yellow	Thanks.	3.00	27.50
Chadwick, Pink. Pink	Thanks.	3.00	27.50
Chadwick, White. White	Thanks.	3.00	27.50
Chas. W. Johnson. White	Oct. 25	3.00	27.50
Chattanooga. White	Nov. 28	3.00	27.50
Citronella. Yellow. Excellent shipper	Oct. 25	3.00	27.50
Columbus Dispatch. Yellow. Large bloom.	Nov. 15	3.00	27.50
December Beauty. White, tinged with pink.	Dec. 1	3.00	27.50
December Glory. White	Dec. 1	3.00	27.50
Detroit News. Bronze	Oct. 25	3.00	27.50
Distinction. Pink	Thanks.	3.00	27.50
Dr. Enguehard. Rose Pink	Thanks.	3.00	27.50
Early Frost. White	Early	3.00	27.50
Evening Star. Pink	Nov. 1	3.00	27.50
Floyd Gibbons. Salmon, buff reverse	Nov. 8	3.00	27.50
Friendly Rival. Golden yellow	Thanks.	3.00	27.50
Garnet King. Red	Nov. 20-30	3.00	27.50
Gladys Pearson. Bronze	Nov. 20-30	3.00	27.50
Glitters. Bronze	Nov. 1	3.00	27.50
Gold Lode. Yellow	Oct. 1	3.00	27.50
Golden Celebration. Yellow	Nov. 20	3.00	27.50
Golden Glory. Yellow	Nov. 1	3.00	27.50
Golden Mrs. Ross. Golden yellow	Nov. 28	3.00	27.50
Golden Pearson. Yellow	Thanks.	3.00	27.50
Golden Wave. Yellow	Oct. 20	3.00	27.50
Good News. Yellow	Oct. 25	3.00	27.50
Helen Frick. Dark pink	Thanks.	3.00	27.50
Honey Dew. Yellow	Nov. 15	3.00	27.50
Immaculate. White	Nov. 1-7	3.00	27.50
Indianola. Light bronze	Oct. 8	3.00	27.50
J. W. Prince. Pink	Nov. 1	3.00	27.50
Keystone. Bronze	Oct. 22	3.00	27.50
Major Bonnaffon. Yellow	Nov. 20	3.00	27.50
Marie de Petris. Yellow	Nov. 25	3.00	27.50
Mefo. White	Nov. 20	3.00	27.50
Mistletoe, Bronze. Bronze	December	3.00	27.50
Mistletoe, Golden. Yellow	December	3.00	27.50
Mistletoe, Pink. Pink	December	3.00	27.50
Mistletoe, White, Imp. White	December	3.00	27.50
Mohawk Chief. Crimson	Nov. 30	3.00	27.50
Monument. White	Nov. 5-15	3.00	27.50
Mrs. A. J. Stahelin. Bronze	Nov. 15	3.00	27.50
Mrs. David F. Roy. Crimson	Nov. 15	3.00	27.50
Mrs. H. E. Kidder. Bright yellow	Oct. 25	3.00	27.50
Oak Leaf. Dark bronze	Nov. 20-30	3.00	27.50
October Rose. Pink	Oct. 18	3.00	27.50
Old Rose. Old rose	Early Nov.	3.00	27.50
Pink Chief. Pink, early	Oct. 12	3.00	27.50
Pink Delight. Rose pink	Nov. 1	3.00	27.50
Pink Globe. Pinkish lavender	Nov. 10	3.00	27.50
Quaker Maid. White	Oct. 5	3.00	27.50
R. M. Calkins. Golden yellow	Nov. 25-30	3.00	27.50
Rose Glory. Pink	Oct. 15-20	3.00	27.50
Rose Perfection. Pink	Nov. 5-10	3.00	27.50
Secretary Nehrling. Bright yellow	Nov. 15-20	3.00	27.50
Silver Dawn. White	Oct. 18-20	3.00	27.50
Silver Sheen. White	Oct. 20	3.00	27.50
Smith's Late White. White	Dec. 15	3.00	27.50
Smith's Superlative. Bright yellow	Oct. 25	3.00	27.50
Snow White. White	Nov. 1	3.00	27.50
Stately White. White	Nov. 1	3.00	27.50
Sunglow. Yellow	Oct. 25	3.00	27.50
Thanksgiving Pink. Dark pink	Thanks.	3.00	27.50
Timothy Eaton. White	Nov. 20	3.00	27.50
Tom Browne. White	Nov. 20-30	3.00	27.50
White Chief. White	Oct. 18	3.00	27.50
White Chieftain. White	Nov. 1	3.00	27.50
White Distinction. White	Thanks.	3.00	27.50
William Didden. Yellow	Oct. 8	3.00	27.50
Whittier. Yellow	Nov. 15	3.00	27.50
Yellow Chattanooga. Light yellow	Nov. 28	3.00	27.50
Yellow Frost. Yellow	Early	3.00	27.50
Yellow Mefo. Yellow. Sport of Mefo	Nov. 20	3.00	27.50
Yellow Monument. Yellow	Nov. 5-15	3.00	27.50

EXHIBITION VARIETIES

	Matures	Price per 100	Price per 1000
Dr. J. M. Inglis. Wine-purple amaranth	Nov. 1	$8.00	$75.00
Golden Majestic. Bright yellow	Oct. 25-Nov. 1	8.00	75.00
Grace Sturgis. Wine red	Oct. 20	6.00	50.00
Louisa Pockett. White	Nov. 1-15	8.00	75.00
Majestic. Clear, shiny amber bronze	Oct. 25	8.00	75.00
Marian H. Uffinger. Bronzy crimson	Nov. 1	8.00	75.00
Mrs. H. S. Firestone. Chamois buff	Nov. 1	8.00	75.00
Red Majestic. Bronzy red	Nov. 1	8.00	75.00
Thos. W. Pockett. Pink	Nov. 1-15	8.00	75.00
Turner, Bronze. Light bronze	Nov. 5	6.00	50.00
Turner, Pink. (Mrs. Leslie Davis)	Nov. 5	6.00	50.00
Turner, William. White	Nov. 5	6.00	50.00
Turner, Yellow. Yellow	Nov. 5	6.00	50.00
Vermont. Pink	Nov. 1-15	8.00	75.00
W. H. Waite. Bronze	Nov. 5	6.00	50.00
W. H. Waite, Imp. Red	Nov. 5	6.00	50.00
Yellow Pockett. Yellow	Nov. 1-15	8.00	75.00

Oddly Formed — Feathery and Threadlike — Varieties

	Matures	Price per 100	Price per 1000
Patricia Grace. Shell pink	Nov. 5	$6.00	$50.00
Peggy Ann Hoover. Lavender	Nov. 5	6.00	50.00
Pride of Tokyo. Creamy pink	Nov. 10	6.00	50.00

POMPONS — Large Flowering

Under the heading of type, we attempt to classify pompons into large pompons and button types. The distinction is largely one of size, the buttons contain more of the true, compact, rounded type.

	Matures	Price per 100	Price per 1000
***Acto.** Rose pink	Nov. 1	$3.00	$27.50
†**Alice.** Pink	Nov. 15	3.00	27.50
***Angello.** Light pink	Oct. 25	3.00	27.50
Arcadia. White	Oct. 25	15.00	125.00
Betty Watkins. Bronzy yellow	Thanks.	3.00	27.50
†**Bonnibell.** Orange buff	Oct. 15	3.00	27.50
Bristolite. Bronze	Thanks.	3.00	27.50
Bronze Beauty. Bronze	Thanks.	3.00	27.50
Campfire. Red	Nov. 20	3.00	27.50
Capt. Cook. Pink	Oct. 20	3.00	27.50
Chicago Pearl. White	Nov. 15	3.00	27.50
Cora Peck Buhl. Yellow	Oct. 25	3.00	27.50
Cordova. White. A late variety	Thanks.	3.00	27.50
Dorothy Turner. Bronze	Thanks.	3.00	27.50
***Edith Newberry.** Orange rust	Nov. 5	3.00	27.50
Elora. Pearly white	Nov. 1-10	3.00	27.50
Ermalinda. Old rose	Oct. 25	3.00	27.50
Fire Bird. Red bronze	Oct. 25	3.00	27.50
***Gold Coin.** Yellow	Dec. 1	3.00	27.50
Gold Finch. Deep, rich yellow	Oct. 20	3.00	27.50
Gold Tips. Bronze and gold	Thanks.	3.00	27.50
Golden Sceptre. Bright yellow	Nov. 25	3.00	27.50
†**Governor Lake.** Reddish bronze	Thanks.	3.00	27.50
Grenadier. Rich, deep red	Nov. 10	3.00	27.50
Ida Imp. Yellow	Oct. 10	3.00	27.50
***Irene Rich.** Pink	Nov. 1	3.00	27.50
Iridescent. Gold and pink	Oct. 15	3.00	27.50
Juva Nicholson. Yellow	Nov. 15	3.00	27.50
Legal Tender. Bronze and gold	Nov. 20	3.00	27.50
***Lillian Doty.** Shell pink	Nov. 1	3.00	27.50
†**Lois.** Golden yellow	Nov. 18	3.00	27.50
Lucinda. Deep pink	Nov. 12-20	3.00	27.50
Marcella. Light pink	Nov. 25	3.00	27.50
Marilyn. Orange tan	Oct. 22	3.00	27.50
Mary Lennon Hall. Clear yellow	Nov. 1	3.00	27.50
†**Mrs. Beu.** Bronze	Thanks.	3.00	27.50
***Muskoka.** Bronze	Nov. 10	3.00	27.50
Olivia. Pink	December	3.00	27.50
Pagosa. Dark pink	Dec. 5	3.00	27.50
Pink Dot. White, pink center	Oct. 25	3.00	27.50
Princeton. Yellow, suffused orange	Nov. 15	3.00	27.50
Roman Bronze. Bronze	Oct. 20	3.00	27.50
***Romola.** Soft pink	Nov. 5	3.00	27.50
***Rose Charm.** Rose pink	Nov. 1	3.00	27.50
Roselea. Pink	Dec. 1	3.00	27.50
Royal Queen. White	Dec. 5	3.00	27.50
Sarda. Deep pink	Oct. 25	3.00	27.50
***Sea Gull.** White	Nov. 1	3.00	27.50
***Silver Ball.** White	Oct. 12	3.00	27.50
Silver Star. White. Very late	Dec. 5	3.00	27.50
Silver Tips. Bright pink, silver tips	Nov. 10	3.00	27.50
Tonquin. Rose color	Dec. 10	3.00	27.50
***Unalga.** Yellow	Nov. 25	3.00	27.50
Usona. Pink	Thanks.	3.00	27.50

*—Good disbudded. †—Good as pot plants.

Twenty-Five or more at the hundred rate. Less than 25 of any variety at double the rate per hundred.

Vaughan's Chrysanthemum Rooted Cuttings

POMPONS—Large Flowering—Cont'd.

	Matures	Price per 100	Price per 1000
*Vera Victoria. Yellow	Nov. 1	$3.00	$27.50
Western Beauty. Old rose	Nov. 15-25	3.00	27.50
*White Doty. White	Nov. 1	3.00	27.50
Yellow Bird. Yellow	Nov. 18	3.00	27.50
†Yellow Fellow. Yellow	Nov. 15	3.00	27.50
Yellow Silver Star. Yellow	Dec. 10	3.00	27.50
†Yuletide, White. White	Dec. 1	3.00	27.50
†Yuletide, Yellow. Yellow	Dec. 1	3.00	27.50
†*Yuvawn. Yellow	Nov. 25	3.00	27.50

POMPONS—Button Types

	Matures	Price per 100	Price per 1000
Agate. Yellow, red eye	Oct. 25	$ 7.00	$65.00
Annette. Pink	Oct. 30	5.00	40.00
Baby. Yellow	Nov. 10	3.00	27.50
Betty Price. Brilliant orange	Nov. 25	3.00	27.50
Big Baby. Yellow	Thanks.	3.00	27.50
Bonnie Maid. Pink	Oct. 18	3.00	27.50
Bronze Queen. Bronze	Oct. 25	3.00	27.50
Brownie. Dark bronze	Nov. 10	3.00	27.50
Christmas Gold. Bright yellow	Dec. 1	3.00	27.50
Clare. White	Nov. 15	3.00	27.50
Clista. Yellow	Nov. 10	3.00	27.50
Dainty Maid. White, pink tints	Nov. 1	3.00	27.50
†Ethel. Bronze	Oct. 25	3.00	27.50
†Gold Mine. Yellow	Nov. 1	3.00	27.50
Golden Nymph. Golden bronze	Dec. 10	3.00	27.50
Golden Varsity. Yellow	Nov. 10	3.00	27.50
†Irene. White	Oct. 15-20	3.00	27.50
†Jewell. Bright pink	Oct. 1-15	3.00	27.50
†Mary Pickford. White	Nov. 1	3.00	27.50
Minong. White	Oct. 20-25	3.00	27.50
Muriel. White	Nov. 25	5.00	40.00
New York. Bronze	Nov. 15	3.00	27.50
†Nuggets. Yellow	Oct. 25	3.00	27.50
†Patsy Dowd. Red	Nov. 5	3.00	27.50
Robin Hood. Rich deep red	Early Nov.	3.00	27.50
Rodell Imp. Sport of Rodell	Oct. 20	3.00	27.50
Silver Bells. White	Oct. 15	6.00	50.00
Thanksgiving Gem. Orange bronze	Thanks.	3.00	27.50
Yellow Dainty Maid. Yellow	Nov. 1	15.00	125.00
Yellow Dot. (Jablonsky) Yellow	Oct. 25	3.00	27.50
Yellow New York. Yellow	Nov. 15	3.00	27.50
Yvonne. Red	Oct. 30	5.00	40.00

ANEMONE FLOWERED VARIETIES

	Matures	Price per 100	Price per 1000
*Adenlair. Shell pink	Nov. 15-20	$3.00	$27.50
†*Beautiful Lady. Pink creamy white cushion	Nov. 20	3.00	27.50
*Betty Rose. Pink, petals and cushion	Oct. 25-Nov. 1	3.00	27.50
*Blanche. White	Oct. 27	3.00	27.50
*Bronze Groff Von Oriole. Bronze	Nov. 15-20	3.00	27.50
Bronze Volunteer. Rich bronze	Thanks.	3.00	27.50
*China Rose. Dragon's blood red	Nov. 10	3.00	27.50
†*Crimson Glow. Crimson maroon	Nov. 25-30	3.00	27.50
*Estrelita. Bronze throughout	Nov. 15 & Later	3.00	27.50
Garza Supreme. White	December	3.00	27.50
†*Graceland. Pure white, yellow center	Oct. 25	3.00	27.50
*Marietta. Soft pink, full cushion	Oct. 20	3.00	27.50
*Norma. Pink petals, golden pink cushion	Nov. 10-Dec.	3.00	27.50
*Pink Supreme. Delicate shell pink petals	Nov. 30	3.00	27.50
†*Rolinda. Orange bronze	Nov. 20-Dec. 1	3.00	27.50
*Smith's Innocence. White	Nov. 5	3.00	27.50
†*Sunshine. Yellow	Thanks.	3.00	27.50
*Susanne Miller. Yellow. Sport of Norma.	Nov. 10-Dec. 1	3.00	27.50
*The Titan. Scarlet crimson, bronzy cushion	Nov. 5	3.00	27.50
*Topknot. Creamy white cushion, rosy pink petals	Nov. 5	5.00	40.00
*Tuxedo. Pink	Nov. 10	3.00	27.50
*White Norma. White	Nov. 1	3.00	27.50
Yellow Garza Supreme. Yellow	Dec. 1	3.00	27.50

SINGLE VARIETIES—DAISY TYPE

	Matures	Price per 100	Price per 1000
Aloma. Terra cotta bronze, yellow center	Oct. 15	$3.00	$27.50
†Buckingham, Bronze. Bronze	Nov. 5	3.00	27.50
†Buckingham, W. H. Pink	Nov. 5	3.00	27.50
Elizabeth Firestone. Pink	Nov. 15 & Later	3.00	27.50
Elizabeth McDowell. Bronze	Nov. 15	3.00	27.50

*—Good disbudded. †—Good as pot plants.

SINGLE VARIETIES—DAISY TYPE—Continued

	Matures	Price per 100	Price per 1000
Golden Mensa. Yellow	Nov. 10	$3.00	$27.50
Gretchen Piper. Deep glowing yellow	Oct. 25	3.00	27.50
Helen Hubbard. Red	Thanks.	3.00	27.50
Joe Beuerlein. Crimson red	Dec. 5	15.00	125.00
†*Melba. Reddish bronze	Nov. 5	3.00	27.50
Radiant. Bright red	Nov. 5-10	3.00	27.50
*Red Rover. Crimson orange	Nov. 5	4.00	35.00
Sunny Boy. Yellow	Nov. 15	3.00	27.50
†Thanksgiving Bronze. Dark bronze	Thanks.	3.00	27.50
Valencia. Orchid pink	Nov. 30	3.00	27.50
White Mensa. White	Thanks.	3.00	27.50

POT PLANT VARIETIES

In addition to varieties listed here as essentially intended for pot plant culture, many of the varieties listed under Pompons are excellent as pot plants. Short and medium sorts should be used for this purpose. A number of such varieties are denoted by the character (†).

	Matures	Price per 100	Price per 1000
Benoit. Cerise pink	Oct. 20-25	$3.00	$27.50
Bright Light. Bright yellow	Nov. 20	3.00	27.50
*Bronze Prince. Bronze	Nov. 1	3.00	27.50
Caprice, Butler. Deep pink	Oct.	3.00	27.50
Caprice, Lilac. Deep lilac	Oct.	3.00	27.50
Caprice, Purple. Purple	Oct.	3.00	27.50
Caprice, White. White	Oct.	3.00	27.50
Kathleen Thompson. Bronze	Oct.	3.00	27.50
Ohio State. Yellow	Nov. 1	3.00	27.50
Pygmy. Light pink	Nov. 10	3.00	27.50
Savanta. White, with tint of pink	Nov. 1	3.00	27.50
Titan Beauty. Bronze, shading to scarlet	Nov. 25	3.00	27.50
W. H. Lincoln. Yellow	Late	3.00	27.50

HARDY VARIETIES

	Matures	Price per 100	Price per 1000
A. Barham. Orange bronze	Oct. 1	$3.00	$27.50
Adelaide. Mahogany	Early Oct.	3.00	27.50
Albert Muller. Apricot suffused pink	Oct. 1	3.00	27.50
Alice Howell. Orange yellow	Oct. 5	3.00	27.50
Alladin. Bronze	Sept.	3.00	27.50
Amelia. (Pink Cushion) Bright pink	Sept.	3.00	27.50
Barbara Cummings. Yellow to bronze	Sept.	3.00	27.50
Carrie. Yellow	Early	3.00	27.50
Cavalier. Rich vermillion-red	Oct. 15	3.00	27.50
†Early Bronze. Bronze	Sept.	3.00	27.50
Early Yellow. Yellow	Sept. 15	8.00	75.00
†Eden. Rose pink	Oct. 1	3.00	27.50
Evelyn. Bronze	Oct. 1-5	3.00	27.50
Francis Whittlesy. Rich bronze and garnet	Sept. 30	3.00	27.50
Ganna. Bright pink	Oct. 12	3.00	27.50
†Glada. Soft pink	Sept.	3.00	27.50
Glomero. Bronzy orange	Oct. 5	3.00	27.50
Granny Scovill. Warm coral bronze	Oct. 15	3.00	27.50
Gypsy Girl. Chestnut crimson	Early Oct.	3.00	27.50
Jean Cummings. White	Sept.	3.00	27.50
Jean Treadway. Pink with dark centers	Oct. 1-10	3.00	27.50
Lorelei. Yellow	Sept. 10	3.00	27.50
Murillo. Pink	Oct. 12	3.00	27.50
Normandie. White	Sept.	3.00	27.50
Provence. Soft pink blended with yellow	Sept.	3.00	27.50
Red Flare. Bright red	Oct. 15	3.00	27.50
R. Marion Hatton. Canary yellow	Oct. 1-10	3.00	27.50
Rosy Gem. Bright pink or rose	Oct. 15	3.00	27.50
Ruth Cummings. Reddish bronze	Early Oct.	3.00	27.50
Ruth Hatton. Ivory white	Oct. 10	3.00	27.50
September Queen. White	Sept. 15	3.00	27.50
Sonoma. Bronze with golden reverse	Oct. 1	3.00	27.50
Wolverine. Yellow	Sept.	3.00	27.50
†Yellow Gem. Canary yellow	Oct. 5-10	3.00	27.50
Yellow Normandie. Yellow	Early	3.00	27.50

HARDY KOREAN VARIETIES

	Matures	Price per 100	Price per 1000
Apollo. Bronze red	Oct. 12	$3.00	$27.50
Ceres. Old gold	Oct. 10	3.00	27.50
Daphne. Pink	Oct. 12	3.00	27.50
Diana. Rose pink	Oct. 12	3.00	27.50
Hebe. Lavender pink	Oct. 15	5.00	45.00
Innocence. White	Sept.	3.00	27.50
Louise Schling. Bronze salmon	Oct. 5	3.00	27.50
Mars. Wine-red	Oct. 15	3.00	27.50
Mercury. Blend of old rose and salmon	Sept. 30	3.00	27.50
Orion. Canary yellow	Oct. 5	5.00	45.00
Vulcan. Bronze crimson	Oct. 5	5.00	45.00

*—Good disbudded. †—Good as pot plants.

Twenty-five or more at the hundred rate. Less than twenty-five of any variety at double the rate per hundred.

Hardy German Iris

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

THE RETAILER'S DOZEN

These Irises are all outstanding in their color. They are beautiful, showy varieties in a good assortment that will appeal to the retail buyer. Plant out a collection of these and increase your sales. The cost is very low. Price, any one kind of the following: **60c** per 10; **$3.00** per 100; **$25.00** per 1,000.

Ambassadeur, fascinating bronze.
Cecil Minturn, rose-pink.
Dream, soft pink.
Jeanne d'Arc, white etched blue.
Lady Byng, beautiful orchid.
Lent A. Williamson, deep purple.
Medrano, dark red.
Neptune, large blue bicolor.
Ochracea (Sunset), old gold.
Princess Beatrice, lavender blue.
Seminole, bright red.
Shekinah, soft clear yellow.

Special Offer: 12 each of the above varieties, 144 Irises, for **$4.80**; 25 each of the above varieties, 300 Irises, for **$9.00.**

	Each	10	100
Autumn Queen. A white companion to the Autumn King	....	$2.00	.....
Baldwin. 40 in. Gigantic flowers of a uniform Manganese violet color	$0.20	1.50	.....
Black Wings. 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster	.50	....	.....
Blue Velvet. 46 in. A clear, beautiful, very dark blue self, the color of the richest deep blue velvet	.25	2.25	.....
Cameliard. 48 in. "S" amber yellow; "F" yellow, flushed light purple. A brilliant, light variegata	.20	1.50	.....
Canopus. 36 in. Dominion seedling. "S" reddish violet; "F" rich pansy violet	....	.60	$4.00
Cinnabar. 42 in. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape	....	1.25	8.00
Clara Noyes. 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow	.35	3.00	.....
Coralie. 38 in. A vividly colored blend of pink and red. Unusually lovely flowers of fine form	3.50	....	.....
Coronation. 40 in. A brilliant, clear deep golden yellow of fine form and substance	....	1.50	.....
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well branched stalks	3.00	....	.....
Dauntless. 40 in. A brilliant rose-red self	.35	....	.....
Depute Nomblot. 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris	.40	....	.....
Dorothy Dietz. 38 in. "S" opens light chickory blue changing to white; "F" deep pansy violet	.25	....	.....
El Capitan. 40 in. Huge light violet-blue flowers	.25	....	.....
Eros. 38 in. An exquisitely colored Iris of salmon-pink with soft yellow haft and beard	3.00	....	.....
Ethelwyn Dubaur. A new deep pink self without the objectionable magenta. Fine large flowers	.60	....	.....
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant	.15	1.20	10.00
Gold Imperial. 33 in. Chrome yellow throughout except for conspicuous orange beard	....	.75	5.00
Golden Glory. 36 in. A fine medium toned yellow self	....	.70	5.00
Golden Harvest. 18 in. A fine yellow fall bloomer	.40	....	.....
Grace Sturtevant. 36 in. Rich colored and showy. "S" dark red-brown, with darker velvety falls	.20	1.80	.....
Happy Days. 40 in. An immense clear yellow that usually carries 7 to 8 massive blooms to the stalk	5.00	....	.....
Hermene. 40 in. Deep pink blend, golden center	.25	2.00	.....
Indian Chief. 40 in. "S" beautiful reddish pink; "F" deep rich glowing velvety red. Very striking	.20	1.50	.....
Imperial Blush. 40 in. A beautiful large blush pink	.75	....	.....
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece	2.00	....	....
King Juba. 38 in. "S" pure clear yellow; "F" wide, deep velvety red. A striking variegata	.30	2.50	.....
King Tut. 34 in. A brilliant red-brown bicolor	.25	2.00	.....
Labor. 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color	....	1.00	8.00
Lord of June. "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris	....	.75	5.00
Mareschal Ney. 36 in. A very rich bicolored red with a chestnut brown tone. Large flowers	.20	1.80	.....
Mary Dynes. 36 in. Large, dark red bi-color that has a flush of gold in the standards; very late	.60	....	.....
Mary Geddes. 38 in. S. salmon flushed yellow; F. same shade overlaid Pompeian red. Very fine	1.00	....	.....
Midgard. A yellow and pink blend of great beauty	....	1.25	10.00
Morning Splendor. 40 in. Delightfully fragrant; gives a beautiful red effect in the garden	....	.80	6.00
Mrs. Valerie West. 42 in. "S" bronze flushed with lavender; "F" massive and flaring, deep, velvety crimson brown. Exceedingly large handsome flowers	.20	1.80	.....
Nebraska. 34 in. Large flowers of rich apricot yellow, the falls striped brown	.20	1.80	.....
Pink Satin. 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink	.50	....	.....
Pluie d'Or (Golden Rain). 40 in. Probably the best pure golden yellow self yet introduced	....	1.20	10.00
President Pilkington. 46 in. Very large flowers of pale buff and lavender blend. Extra choice	.50	4.50	.....
Rameses. 36 in. A large blend of russet rose, pink and buff. Attracts immediate attention	.20	1.50	12.00
Santa Barbara. 40 in. This is probably the finest of pure lavender-blue Irises. Of perfect form with flaring falls	....	1.20	8.00

IRIS—Continued	Each	10	100
Sierra Blue. 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner	$1.50	....	.....
Souv. de Mme. Gaudichau. "S" Bradley's violet; "F" brilliant black-purple Millet's best variety	....	$0.80	$6.00
Susan Bliss. 42 in. Deep rose-pink	....	.80	6.00
Taj Mahal. 36 in. A very fine pure white	....	.75	5.00
True Charm. 40 in. Fine large flowers of white with the margins delicately etched lavender	....	.80	6.00
Ultra. 14 in. A beautiful ultramarine blue bicolor. Fall bloomer	.20	1.50	.....
Valencia. 30 in. A bright orange buff, similar to the color of the Valencia orange	....	1.00	8.00
Vesper Gold. 42 in. A new distinct yellow suffused with violaceous reflections. A beautiful Iris	....	.75	5.00

Price, any one kind of the following: **60c** per 10; **$3.00** per 100; **$25.00** per 1000

Afterglow	**Isoline**	**Queen Caterina**
Alcazar	**Juniata**	**Raffet**
Archeveque	**La Neige**	**Rosalba**
Benbow	**Lohengrin**	**Roseway**
Caprice	**Mlle. Schwartz**	**Rotorua**
Crusader	**Monsignor**	**Sherwin Wright**
Cluny	**Mrs. Hetty Matson**	**Sweet Lavender**
Corrida	**Mrs. Walter Brewster**	**Troost**
Dalila	**Opera**	**Ute Chief**
Dejazet	**Prosper Laguier**	**W. J. Fryer**
Empress of India	**Prospero**	**Zwanenburg**

VARIOUS IRIS

	Each	10	100
Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden	....	$1.25	$10.00
Dichotoma (Vesper Iris). Dainty blue flowers, beautifully marked, that open in the afternoon. Blooms profusely during the month of August	$0.35	....	.....
Monnieri. 48 in. Golden yellow flowers of excellent form.	.25	2.00	.....
Pseudacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings	....	1.25	10.00
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.			
Dixmude. "S" aniline blue; "F" rich purple	....	1.00	6.00
Orange Queen. Clear deep yellow	....	1.20	10.00
White	....	1.00	8.00
SIBIRICA. Butterfly. Lovely porcelain blue	....	.60	4.00
Emperor. Large flowers of deep violet-blue	....	.70	5.00
Geo. Wallace. (Azure blue.) "F" marked white	....	.60	4.00
Orientalis. Rich, deep purple	....	.50	3.00
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue	....	.60	4.00
Snow Queen. Large ivory-white	....	1.00	6.00
Mixed	....	.50	3.00
VERSICOLOR. (Common American Water Flag.) Showy violet-blue. Blooms for a long time	....	1.00	8.00

JAPANESE IRIS (Kaempferi)

Azure. Large delicate mauve-blue flowers. Double	.20	1.80	17.00
Gold Bound. White with gold banded center. Double. Early	.20	1.50	12.00
Iso-No-Nami. Suffused rose and blue over white. A large double; late	.25	2.20	18.00
Kumochi-Guma. Dark purplish indigo. Midseason. Double	....	1.80	15.00
Mahogany. Velvety mahogany red. Double	.25	2.20	18.00
Momigi-No-Taki. Variegated rosy carmine. Double.	.25	2.20	18.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason	....	1.50	12.00
Seacrest. Six large wavy white petals with a deep blue haft	.20	1.80	17.00
Uchiu. Cerulean blue, veined white. Gold center. Double.	.20	1.80	15.00
Warai Hotei. Dark blue with light veins. Double	.25	2.20	18.00
Mixed Seedlings 1000, $50.00	.25	.75	6.00

NEW JAPANESE IRIS

Amethyst. Very large single flowers with wavy petals of exquisite lavender-blue	.40	....	.....
Celestine. Deep silvery pink hue, veined blue. Large single flowers that will measure 7 inches across A strong growing and unusually beautiful variety	.75	....	....
Eleanor Parry. Double. Claret-red flowers, flamed white and blue	.40	....	....
Kamata. Single, dark velvety sky-blue, white veins	.40	....	.....
Norma. Exquisite silky lavender-pink with clear blue halo surrounding a yellow blotch at center. Fine large double. The best pink Iris	.45	4.00	30.00
Oriole. Double. Lovely plum shading to deep plum	.40	....	.....
Rose Anna. Ivory-white with heavy ruby-red veins; cenge center yellow; stigmas dark plum. A fine double.	.35	....	.....
Violet Beauty. Single. Velvety pansy-violet with conspicuous yellow center. Large flowers	.35	....	.....

Vaughan's Cannas

In our list of sorts will be found all the good old standard kinds, and many of the best novelties, the inferior kinds being discarded every year as the merits of the newer ones are proven.

Price for Dormant Roots up to APRIL 1st, after which pot plants are ready. All have green foliage unless otherwise specified; 25 at 100 rate; 250 at 1000 rate. Not less than 25 sold wholesale.

The Big Four

***King Humbert** 4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage.

	Per 100	Per 1000
Dormant roots	$ 3.75	$ 32.50
3-inch pot plants	11.00	100.00

***Yellow King Humbert** 4 feet. An orchid-flowering sport of the well-known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect.

Dormant Roots	3.75	32.50
3-inch pot plants	11.00	100.00

The President 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower.

Dormant Roots	3.75	32.50
3-inch pot plants	11.00	100.00

Hungaria 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink.

Dormant Roots	4.00	35.00
3-inch pot plants	11.00	100.00

PENNISETUM CUPREUM

The dark bronze Fountain Grass so much admired at A Century of Progress. Does well in any sunny location with rich soil. Foliage and plumes are dark bronze and plants make a wonderful display from late July to frost.
2½-inch pot plants.....$2.50 doz.; $15.00 per 100

Choice Varieties

	Per 100	Per 1000
AMBASSADOR. 3½ to 4 ft. Considered an improved King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage; the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots	$ 4.50	$ 40.00
3-inch pot plants	11.00	100.00
COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial.....10 for $1.50	12.00	100.00
3-inch pot plants	15.00	135.00
CITY OF PORTLAND. 3½ ft. Deep pink. Extra good flower. Does not fade. Green foliage	4.00	35.00
DAVID HARUM. 3½ ft. Dark bronze foliage. Vermilion-scarlet flowers. Strong grower and free blooming	4.00	35.00
3-inch pot plants	11.00	100.00
EUREKA. 4 ft. Remarkably free flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant Roots	6.00	50.00
3-inch pot plants	13.00	120.00
LOUIS CAYEUX. 4 ft. Immense flowers of bright rosy scarlet, green foliage	7.00	65.00
3-inch pot plants	13.00	120.00
MRS. HERBERT HOOVER. 4 ft. Striking variety with green foliage and giant flowers of watermelon red	8.00	75.00
3-inch pot plants	13.00	120.00
***STATUE OF LIBERTY.** 6 to 7 ft. Bronze foliage. Flowers blazing flame-red. The foliage is of a rich, luxuriant bronzy shade. The leaves are very large. Dormant Roots	3.50	30.00
3-inch pot plants	11.00	100.00
SUNGOLD. 3½ ft. A very handsome variety of rich coloring. Deep Chinese yellow with golden yellow border. Green foliage and large blossoms. Dormant Roots. 10 for $1.00	9.00	80.00
3-inch pot plants	15.00	135.00

Standard Varieties

ALLEMANIA. Outer petals scarlet with broad yellow border, inside scarlet and dark red.
***LOUISIANA.** 6 ft. Green foliage; large; vivid scarlet.
***WINTZER'S COLOSSAL.** 5 ft. Green foliage. A striking vivid scarlet that retains its brilliancy.

Price of each of above varieties except when noted.

	Per 100	Per 1000
Dormant Roots	$ 3.50	$30.00
3-inch pot plants	10.00	90.00

(*) This mark indicates Orchid-Flowering Varieties.

Vaughan's Vigor Strawberry Plants

Grown in Northern Michigan's Ideal Fruit Soil and Climate—Not Available for Shipment after May 15.

Our plants are grown under ideal conditions. Note illustration for root development of a single specimen. They have been developed from selected plants and we know you will be pleased. Varieties below are up to date.

Write for pamphlet on Strawberry Culture.

AROMA. (Per.) Late. One of the most popular late varieties. Fruit large to very large; holds its size well throughout all the pickings. Berry is roundish, conical, smooth and perfect in form and of a beautiful bright glossy red in color; very firm and of high quality. Its rich aromatic flavor has suggested its name. The habit of spreading which this variety possesses opens the way for the sunlight to reach the crown. The leaves are broad, clean and smooth and of a dark green color.
Price, 100, **90c**; 500, **$3.50**; 1000, **$6.25.**

COOPER. The large size and the beautiful brilliant color of the berries immediately attracts the attention of every one, but the greatest feature of all is that peculiar mild, delicious flavor not found in any other Strawberry. Due to the wonderful vigor of the plant, this variety is adaptable to a wider range of soils and climate than any other variety. The foliage is immense, the big broad leaves often growing a foot high. This is due to the great root system, which goes down for moisture and enables the plants to produce the enormous load of big red berries even during continued dry weather. The unusual vitality of the plant carries every berry to perfect maturity—the last to ripen are as large as the first. Cooper is strongly staminate and can be grown alone and is an ideal mate of any of the pistillate or imperfect varieties, due to the long blooming season. Price, 100, **$1.00**; 500, **$3.50**; 1000, **$6.50.**

DR. BURRELL. (Per.) Midseason. The berries are large, delicious and beautifully formed. The surface of the berry is a deep glossy red. The meat is solid. If you are looking for a good dependable all-purpose variety you will make no mistake in planting Dr. Burrell. In manner of plant growth this variety closely resembles Senator Dunlap, but will produce more, bigger and better berries, ripening a few days earlier than Dunlap. Price, 100, **90c**; 500, **$3.15**; 1000, **$5.50.**

GIBSON. (Per.) Medium early. Berries are large and regular in shape, holding their size well to the end of the season. Color rich red. Flavor is neither sweet nor sour, but just right for canning. Extremely productive, in fact we know of no variety that will produce more quarts of berries per acre than the Gibson. It makes a strong vigorous plant that withstands adverse conditions admirably. This variety seems to embody every requirement necessary for a profitable berry. We recommend it and know you will not make any mistake in planting Gibson. Price, 100, **90c**; 500, **$3.40**; 1000, **$6.00.**

CATSKILL. (Per.) Midseason. A fine new variety developed and introduced by the New York Agricultural Experiment Station. Large, well-formed berries of beautiful color and rich aromatic flavor. Has been proved highly suitable for shipping or canning. Strong, vigorous growth, thrives in many types of soil. Catskill is a heavy producer and seems to hold its own with any variety. Price, 100, **$1.20**; 500, **$4.25**; 1000, **$7.50.**

PREMIER. (Per.) Early. Berries are large, beautifully formed, red through and through; flavor delicious. A splendid shipper. The deep heavy rooting system makes the plant a strong drought resister, and it is especially adapted to any soil or climate, giving you a big crop of fancy berries which will sell at highest prices. When extra fancy early fruit is wanted we advise this. Price, 100, **$1.10**; 500, **$4.50**; 1000, **$8.00.**

SENATOR DUNLAP. (Per.) Midseason. The fruit is dark red with glossy finish, shading to a deep scarlet on the underside. The meat is a bright red all through and exceedingly juicy. It succeeds everywhere and with everybody—the beginner as well as with the veteran grower—but should not be allowed to mat too thickly. For a medium-sized, productive, early-to-midseason berry, you need not hesitate to plant Dunlap. One of the best and most popular. Price, 100, **$1.00**; 500, **$3.70**; 1000, **$6.50.**

MASTODON—Genuine Perfected. (Everbearing.) The world's greatest everbearer because nothing like it was ever achieved before. Produces nearly 6000 quarts per acre during August, September, October and November. In size, quality, flavor and appearance Mastodon heads the list. Unlike other everbearers, the plants of Mastodon are large, vigorous, heavily crowned and deep rooted. This explains their ability to produce enormous loads of fine fruit even under adverse conditions. Regardless of your past experience with everbearing Strawberries we urge you to plant this wonderful **new** everbearer this spring. It will amaze you with the tremendous load of extra fine fruit produced by every plant. Price, 100, **$1.75**; 500, **$7.00**; 1000, **$13.00.**

PATENTED ROSE DOUBLOONS.

Roses for Florists

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1, field grown, dormant plants.

Five or more of one variety take the 10 rate; 25 or more of one variety take the 100 rate.

All prices are F. O. B., Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

Hybrid Tea Roses

PRICES of the following: Each, **40c; 10, $3.50; 100, $30.00.**

AUTUMN. Cupped double flowers of novel coloring, burnt orange streaked with red.

BETTY UPRICHARD. Semi-double, salmon-pink flowers stained with copper-pink on the outside.

DAME EDITH HELEN. Large, perfectly shaped rose of clear pink. Sweet scented and freely produced on long, strong stems.

DUCHESS OF WELLINGTON. Long saffron yellow buds opening to very large light yellow flowers.

EDITH NELLIE PERKINS. Buds long and pointed, petals cream and blush and salmon pink shaded to golden orange at base.

GRUSS AN TEPLITZ. Brilliant red. One of the most prolific bloomers of all.

KAISERIN AUGUSTE VIKTORIA. Delicate creamy white flowers of beautiful form.

LOS ANGELES. Flowers of luminous flame-pink shaded with coral and gold.

MARGARET McGREDY. A most magnificent rose. Flowers are large, quite double, and in color a glorious shade of brilliant orange scarlet.

MME. BUTTERFLY. A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold.

MME. CAROLINE TESTOUT. Large flowers of satin rose, shaded lighter towards the edge of enormous petals. A persistent bloomer.

MRS. CHARLES BELL. (Shell-Pink Radiance). Beautiful salmon-shell-pink. Has all the excellent qualities of Radiance.

MME. EDOUARD HERRIOT. Large semi-double flowers of brilliant orange-red and salmon.

MME. JULES BOUCHE. Very popular garden variety, always in bloom. White sometimes lightly tinted pink. Fragrant.

MRS. G. A. VAN ROSSEM. Vivid orange and apricot buds, opening to brownish yellow flowers shaded with copper orange.

MRS. A. R. BARRACLOUGH. Long tapering buds and blooms of bright but sparkling carmine-pink.

MRS. E. P. THOM. Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

MRS. HENRY BOWLES. Well formed, fragrant flowers of brilliant pink with salmon shadings.

RADIANCE. Bright rose-pink, shining flowers of wonderful shape and fragrance, very popular.

RED RADIANCE. A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance."

SOUV. DE CLAUDIUS PERNET. The most popular clear yellow rose.

TALISMAN. A remarkable blending of gold, apricot, yellow, deep pink and old rose.

Famous Hybrid Tea Roses

PRICES of the following, except where noted: Each, **45c; 10, $4.00; 100, $35.00.**

AMI QUINARD. Semi-double flowers of velvety crimson-maroon with a soft black luster. Vigorous grower; free bloomer; fragrant.

CALEDONIA. Long pointed buds opening into very large, double, high centered, snowy white blooms.

CHARLES P. KILHAM. Very double flowers and buds of blazing scarlet-orange, opening to bright orange-pink with fiery center.

FAMOUS HYBRID TEA ROSES—Continued

CONDESA DE SASTAGO. Spectacular rose of fiery copper on the inside and yellow on the reverse. Each, **60c; 10, $5.00; 100, $40.00.**

DUQUESA DE PENARANDA. Large double flowers of cinnamon-peach color, darker in fall. Each, **60c; 10, $5.00.**

EDITOR McFARLAND. Clear brilliant pink on long cutting stems. Extra fine.

E. G. HILL. Long, perfectly formed buds and full double flowers of dazzling scarlet.

ETOILE D'HOLLANDE. A brilliant dark red rose of magnificent size and perfect form; very fragrant.

GOLDEN DAWN. Very double, fragrant flowers, of soft lemon yellow. Very fine garden variety.

HINRICH GAEDE. Rich, reddish burnt-orange, eventually turning to soft orange-pink. Its unusual beauty attracts much attention. Each, 50c; 10, $4.50; 100, $4.00.

JOANNA HILL. A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

LEONARD BARRON. Mammoth flowers of salmon with an amber glow. Extremely hardy.

MAX KRAUSE. Yellow buds open to double, golden yellow flowers. Leathery, healthy foliage.

McGREDY'S SCARLET. Large flowers of brilliant rose-red with scarlet sheen.

MME. JOSEPH PERRAUD. (New.) Long, slender pointed, nasturtium orange buds which open to sweetly fragrant flowers of a charming nasturtium buff, flushed pink at the margins. Each, **$1.25; 10, $10.00; 100, $75.00.**

MRS. PIERRE S. DU PONT. Reddish gold buds opening into unfading deep golden yellow flowers. Fragrant, always in bloom.

MRS. SAM McGREDY. A beautiful new variety, coppery scarlet-orange, flushed dull red.

PRESIDENT BOONE. Deep crimson blooms beautifully shaded velvety black. A superb combination of good form and vigorous habit. Each, **75c; 10, $6.00.**

PRESIDENT HERBERT HOOVER. A lovely blending of orange-yellow, flame, vivid rose-pink and scarlet.

SOUV. DE MME. C. CHAMBARD. Large, perfectly formed flowers of coral-pink, tinted peach. Each, **50c; 10, $4.50.**

PATENTED ROSES

These Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

Alezane. (Patent No. 116.) Buds urn-shaped, large reddish brown; flowers opening to sorrel, unfurling to apricot, reverse sorrel with yellow veins. Unaffected by hot or wet weather. Each, **$1.00; 10, $7.50; 100, $60.00.**

Amelia Earhart. (Patent No. 63.) Large ovoid bud, cream with blushes; flowers very full, graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone; fragrant. Each, **$1.00; 10, $7.50; 100, $60.00.**

Apricot Glow. (Patent Applied For.) A magnificent climber with large trusses of medium size, double flowers of a bright apricot color shading yellow at the base. Strong grower and profuse bloomer. Each, **$1.25; 10, $10.00; 100, $75.00.**

Blaze. Cl. (Patent No. 10.) A new hardy climbing rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. Each, **75c; 10, $6.00; 100, $50.00.**

Carillon. (Patent No. 136.) A great bedding rose with long pointed buds of orange scarlet. Half-open blooms are coral overcast with orange and full blooms 4 inches in diameter. Branching habit. Each, **75c; 10, $6.00; 100, $50.00.**

Carrie Jacobs Bond. (Patent No. 158.) A magnificent new rose of aristocratic poise with large, double blooms of ideal form carried singly on long upright stems. Color an enchantingly rich deep rose enhanced by a luminous coral sheen. Each, **$1.00; 10, $7.50; 100, $60.00.**

Countess Vandal. (Patent No. 38.) Long pointed bud of bronze, copper-salmon and gold open; often 5 inches across; perfumed. Long stems. Each, **75c; 10, $6.00; 100, $50.00.**

Crimson Glory. (Patent No. 104.) Large urn-shaped buds and well formed flowers of vivid crimson shaded ox-blood red. Vigorous branching growth. Each, **$1.00; 10, $7.50; 100, $60.00.**

Dickson's Centennial. (Patent No. 223.) New red rose with long pointed buds opening to rich strawberry red with velvety sheen and lustrous shading of deeper red and black. Each, **$1.25; 10, $10.00; 100, $75.00.**

Doublooms. Cl. Setigera Hyb. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double, rich golden buff blooms, fading but little; fragrant. Gives two liberal crops six weeks apart if the first spring blossoms have not been cut. Each, **$1.25; 10, $10.00; 100, $75.00.**

Eclipse. (Patent No. 172.) International Rose sensation of the year. The long streamlined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, **$1.25; 10, $10.00; 100, $75.00.**

Feu Pernet Ducher. (Patent No. 103.) Large, very double flowers with rich golden yellow shadings, sometimes tinged with pink. Plants are strong and continuously in bloom. Each, **75c; 10, $6.00; 100, $50.00.**

Gloaming. (Patent No. 137.) A cut-flower variety. Large buds are carried on long rigid stems, with handsome foliage. The bloom is full, well formed and long lasting, either cut or on the plant, color a soft satin pink suffused with salmon and amber. Delightful fragrance. Each, **$1.00; 10, $7.50; 100, $60.00.**

Glowing Sunset. (Patent No. 104.) A glorious rose of an indescribable combination of orange-yellow and rose-pink. Alluring fragrance. Each, **$1.00; 10, $7.50; 100, $60.00.**

Golden Main. (Patent No. 254.) The purest yellow rose we have seen. Medium-large blooms with many, but small petals, giving it the rounded form of a Peony. Each, **$1.25; 10, $10.00.**

Little Beauty. (Patent No. 149.) A new Rose that produces a mass of brilliant cerise flowers in continuous succession throughout the season. Indispensable as a producer of cut-flowers. Each, **75c; 10, $6.00; 100, $50.00.**

Mme. Cochet—Cochet. (Patent No. 129.) Beautiful new Rose with long-pointed buds and fine flowers of coppery pink, flushed orange. Free blooming. Each, **75c; 10, $6.00; 100, $50.00.**

Nigrette. (Patent No. 87.) "The Black Rose of Sangerhousen." The darkest of roses, appearing almost black from a little distance. Each, **75c; 10, $6.00; 100, $50.00.**

McGredy's Pink. (Patent right reserved.) Beautiful bright pink enlivened with salmon and rose. Large sweet-scented blooms on stiff stems. A fine exhibition and garden rose. Each, **$1.25; 10, $10.00.**

McGredy's Triumph. (Patent No. 190.) A real triumph in color, size, form and plant. Very large full flowers of perfect shape, geranium-red flushed orange. Each, **$1.25; 10, $10.00.**

Radiant Beauty. (Patent No. 97.) Lives up to its name and is an improved form of Francis Scott Key, opening to a perfect rose in all weather. The color is a peculiar red of unusual eggshell finish. Each, **$1.00; 10, $7.50; 100, $60.00.**

R.M.S. Queen Mary. (Patent No. 249.) Sensational new garden rose. Its color is a glorious blend of rich glowing salmon and exquisite pure pink, with an orange base. Long pointed buds and large flowers of beautiful form. Each, **$1.50; 10, $12.50.**

Rochester. (Patent No. 131.) Seedling of Rev. F. Page Roberts and Echo. A lovely constant flowering bedder. Color of bud is like Roberts, but with more distinct carmine markings on the reverse and more blush in the open flower. Each, **75c; 10, $6.00; 100, $50.00.**

Rome Glory. (Patent applied for.) Best described as a red Dame Edith Helen. A very hardy, robust and vigorous plant. Produces large, full well-formed, fragrant cerise-red blooms on long stems. Flowers long lasting on the plant or when cut. Each, **$1.50; 10, $12.50.**

Signora. (Patent No. 201.) This rose is a real masterpiece. Long bud of a warm burnt sienna opening to a lighter hue toward mandarine. Has handsome foliage and long stems for cutting Each, **$1.25; 10, $10.00; 100, $75.00.**

Texas Centennial. (Patent No. 162.) A sport of President Hoover with all its wonderful plant qualities. Color is blood red toning to cerise red in center. Most striking new red of unusual color. Each, **75c; 10, $6.00; 100, $50.00.**

The New Dawn. Cl. (Patent No. 1.) A sport from Dr. Van Fleet, identical in size, color, etc., but blooms continuously summer and fall. Each, **$1.00; 10, $8.50; 100, $75.00.**

White Briarcliff. (Patent No. 108.) Of perfect form, plant branching and a continuous bloomer. The best white rose to date for all purposes. Each, **$1.00; 10, $7.50; 100, $60.00.**

BETTY UPRICHARD.

ECLIPSE—Pat. No. 172.

CRIMSON GLORY—Pat. No. 105.

CHARLES P. KILHAM.

Hardy Hybrid Perpetual Roses

PRICES of the following, except where noted; 2-year, No. 1, Each, **40c; 10, $3.50; 100, $30.00.**

FRAU KARL DRUSCHKI (White American Beauty). The best white.

GEN. JACQUEMINOT. Bright shining crimson.

MAGNA CHARTA. Very double bright pink.

MRS. JOHN LAING. Bright shining pink.

ULRICH BRUNNER. Cherry crimson.

SYMPHONY (Pink Frau Karl Druschki). (Patent No. 79.) A magnificent everblooming rose of blush pink with deep pink center. Each, **$1.00: 10, $7.50.**

Polyantha and Baby Roses

PRICES of the following: Each, **40c; 10, $3.50; 100, $30.00.**

CRIMSON BABY RAMBLER. Still a favorite. Light crimson flowers in clusters of 30 to 40.

ELLEN POULSEN. Rather large, fairly full flowers of bright rose-pink; fragrant.

GLORIA MUNDI. New. Double, lasting flowers of glowing orange-scarlet, borne in large clusters.

GOLDEN SALMON. Bright orange-salmon flowers in huge clusters. Blooms continuously.

MRS. R. M. FINCH. Fragrant clusters of large double rose-pink flowers. Vigorous. Each, **45c; 10, $4.00; 100, $35.00.**

PINK GRUSS AN AACHEN. Orange-red and yellow buds, and large full flowers of glowing salmon-pink, with deeper center, fading lighter.

TRIOMPHE ORLEANAIS. Brilliant cherry-red, lasting in color; blooms profusely in trusses. Considered the finest of the light red Polyanthas.

Standard or Tree Roses

We can offer the following varieties on heavy straight stems, 3 to 3½ ft. high. Price, **$2.00** each. **Bonfire, Dame Edith Helen, E. G. Hill, Etoile de Holland, Frau Karl Druschki, Joanna Hill, Mrs. Henry Bowles, Mrs. Sam McGredy, Radiance, Red Radiance, Talisman.**

Climbing Roses

PRICES, except where noted: Each, **40c; 10, $3.50; 100, $30.00.**

CHAPLIN'S PINK CLIMBER. A vivid, pure pink Paul's Scarlet Climber.

CLIMBING AMERICAN BEAUTY. Large double rosy crimson, flowers freely produced in June.

DOROTHY PERKINS. The best of the pink ramblers. Each, **35c; 10, $3.00; 100, $25.00.**

DR. W. VAN FLEET. A delicate shade of flesh-pink, deepening in the center.

EXCELSA (Red Dorothy Perkins). Large full trusses of light crimson flowers. 2-yr., **35c; 10, $3.00; 100, $25.00.**

MME. GREGOIRE STAECHELIN. Enormous blooms of iridescent pearl-pink, splashed carmine.

PAUL'S SCARLET CLIMBER. Large, well-shaped flowers of a vivid scarlet-red that does not fade.

PRIMROSE. Large, double flowers of a soft, rich primrose yellow, borne in clusters of 4 and 5.

SCORCHER. Handsome vermilion flowers covering the plant in great profusion.

WHITE DOROTHY. The counterpart of the Pink Dorothy Perkins, except color, being pure white. Each, **35c; 10, $3.00; 100, $25.00.**

See "Patented Roses" for other varieties.

POT GROWN ROSES

From May 1st on we can supply practically all varieties listed from 5-inch pots, in leaf and in bud, at reasonable prices. We shall be glad to quote on any quantity.

Vaughan's Peonies

5 of a Kind at the 10 Rate
25 of a Kind at the 100 Rate

Since September is the best time to plant these, we have put only a few varieties in storage and can only supply them in divisions from 3 to 5 eyes while the stock lasts.

WHITE AND LIGHT SORTS

	Each	10	100
9.0 **Baroness Schroeder.** Rose type; late. White with shadings of flesh. Good storage variety	$0.35	$2.50	$20.00
7.8 **Duc de Wellington.** Very large, well-formed sulphur-white bloom, stems very firm and long	.20	1.50	12.00
8.6 **La Lorraine.** Enormous blooms of creamy-white, overlaid with soft pink. Good show variety	1.00	9.00	....
7.9 **Madame de Verneville.** Delicate rose-white, very desirable. June rose fragrance. Early	.20	1.50	12.00
8.6 **Primevere.** Sulphur-yellow. Bomb type; very fragrant; mid-season	.60	5.00	.....
9.7 **Solange.** Deep cream, tinged with amber. Late	.50	4.00	.....

LIGHT AND DARK PINK AND ROSE

8.6 **Albert Crousse.** Large, compact bomb-shaped flower of flesh pink. Good cut-flower variety; late.	.20	1.50	10.00
7.1 **Alexander Dumas.** Bright pink, intermixed with creamy white petals. A fine cut-flower variety	.15	1.20	10.00
7.5 **La Tulipe.** Delicate pink, outer petals striped with red tulip markings; midseason; fragrant	.20	1.20	10.00
7.9 **Mad. Ducel.** Light rose, silver reflex. Resembles the variety Mons. Jules Elie. Midseason	.20	1.50	12.00
9.1 **Martha Bulloch.** Soft rose-pink. Late	.60	5.00	.....
9.2 **Mons. Jules Elie.** Immense early pink	.30	2.50	18.00
8.5 **Octavie Demay.** Delicate hydrangea-pink. Dwarf. Early	.25	2.00	12.00
9.1 **Souvenir de Louis Bigot.** Bright bengal-rose. Large rose-form; midseason	.40	3.50	30.00
9.3 **Walter Faxon.** Bright delicate rose	.50	4.00	35.00

RED AND CRIMSON

	Each	10	100
8.4 **Felix Crousse.** Good red for florists. Late mid-season	$0.20	$1.80	$15.00
7.5 **Mareschal Valliant** (Grandiflora Rubra). Light red, resembling the American Beauty Rose. Late	.20	1.50	12.00
8.7 **Mary Brand.** Vivid crimson of immense size; full double; a free-bloomer and a strong grower; delightfull fragrance; midseason	.40	3.50	25.00
9.2 **Philippe Rivoire.** Brilliant crimson. Late	1.00	9.00	75.00

Tenuifolia Flora Plena. (Double Fern-leaf Peony.) Brilliant dark crimson. Very early. Each, **$1.25; 10, $10.00.**

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink	$0.15	$1.00	$ 8.00
Double White	.15	1.20	9.00
Double Red	.20	1.25	10.00
Double Mixed	.15	1.00	6.00

PEONIES IN CASE LOTS

These cases are especially packed for the Florist Trade, and contain 50 double white, 75 double pink, and 75 double red, each color separate—200 roots in all; 3 to 5 eye divisions.

Price per case, $15.00. (Value, $18.00.) We cannot divide cases.

Ornamental and Flowering Shrubs

Warning—Prices on all nursery stock subject to change without notice.
5 plants of one kind supplied at 10 rate.
25 plants of one kind supplied at 100 rate.

DWARF BURNING BUSH

BEAUTY BUSH (Kolkwitzia Amabilis)

PHILADELPHUS VIRGINAL

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seeding beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago, on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. **All trees, shrubs and plants shipped subject to customer assuming risk regarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.**

Where personal selection of stock is made at our Nursery we charge according to its value.

	Each	10	100
ACANTHOPANAX Pentaphyllum. 2 to 3 ft.	$0.30	$2.50	$22.50
3 to 4 ft.	.35	3.25	27.50
ALMOND. See Prunus glandulosa.			
ALTHAEA. See Hibiscus.			
AMORPHA Fruiticosa. 2 to 3 ft.	.30	2.50	20.00
ARALIA Spinosa (Devil's Walkingstick). 4 to 5 ft.	.50	4.00	.....
ARONIA Arbutifolia. 18 to 24 in.	.40	3.50	30.00
2 to 3 ft.	.50	4.00	35.00
Melanocarpa Nigra. 2 to 3 ft.	.45	4.00	35.00
3 to 4 ft.	.55	5.00	40.00
AZALEA Kaempferi (Torch A.). 15 to 18 in., B. & B.	1.25	11.50	.....
18 to 24 in., B. & B.	2.00	.....	.....
Mollis (Chinese Azalea). 12 to 15 in., B. & B.	1.00	9.00	.....
15 to 18 in., B. & B.	1.50	12.50	.....
18 to 24 in., B. & B.	2.00	17.50	.....
2 to 2½ ft., B. & B.	2.50	22.50	.....
2½ to 3 ft., B. & B.	4.50	.....	.....
Vaseyi (Pinkshell A.) 15 to 18 in., B. & B.	1.75	.....	.....
BERBERIS Mentorensis. (Patent No. 99.) (New Evergreen Barberry). 15 to 18 in.	.35	2.90	20.00
18 to 24 in.	.40	3.35	25.00
Thunbergii. 12 to 18 in.	.20	1.80	15.00
18 to 24 in.	.25	2.00	17.50
Thunbergii Atropurpurea. 15 to 18 in.	.35	3.00	27.50
18 to 24 in.	.50	4.50	.....
Thunbergi Pluriflora Erecta (Truehedge Columnberry). (Patent No. 110). 15 to 18 in.	.30	2.25	18.50
18 to 24 in.	.40	2.85	24.00
24 to 30 in.	.45	3.50	30.00
BUDDLEIA Alternifolia. 2-year.	.40	3.50	30.00
Fortune. (Patent No. 206.) Field grown	...	3.35	25.00
Ile de France. 2-year. No. 1	.40	3.00	25.00
CALYCANTHUS Floridus (Sweet Shrub). 18 to 24 in.	.30	2.50	.....
CARAGANA Arborescens. 2 to 3 ft.	.20	1.20	10.00
3 to 4 ft.	.25	1.50	12.00
4 to 5 ft.	.30	2.00	15.00
5 to 6 ft.	.35	2.50	20.00
CHIONANTHUS Virginica. 3 to 4 ft.	.60	5.00	.....
5 to 6 ft.	.90	7.50	.....
CLETHRA Alnifolia. 12 to 18 in.	.30	2.50	.....
18 to 24 in.	.40	3.50	.....
CORNUS Alba Sibirica (Coral Dogwood). 2 to 3 ft.	.25	2.25	20.00
3 to 4 ft.	.35	3.00	25.00
Florida Rubra. See page 59.			
Mas (Cornelian Cherry). 2 to 3 ft.	.50	4.50	.....
3 to 4 ft.	.60	5.50	.....
Mas Aureo Elegantissima. (Variegated Cornelian Cherry.) 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
Paniculata. 2 to 3 ft.	.45	4.00	35.00
3 to 4 ft.	.60	5.00	.....

CORNUS—Continued.	Each	10	100
Sanguinea (Bloodtwig Dogwood). 2 to 3 ft.	$0.25	$ 2.00	$18.00
3 to 4 ft.	.35	3.00	.....
4 to 5 ft.	.40	3.50	.....
Stolonifera Flaviramea. (Goldentwig Dogwood.)			
2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	20.00
COTONEASTER Acutifolia. 2 to 3 ft.	.30	2.75	25.00
3 to 4 ft.	.35	3.00	27.50
Divaricata. 2 to 3 ft.	.40	3.50	25.00
2 to 3 ft., B. & B.	.60	5.50	.....
3 to 4 ft.	.50	4.50	35.00
3 to 4 ft., B. & B.	.75	6.50	.....
Horizontalis. 12 to 15 in., B. & B.	.75	6.50	60.00
15 to 18 in., B. & B.	.90	8.00	75.00
18 to 24 in., B. & B.	1.25	10.00	.....
CRAB, See Malus, page 65.			
CRATAEGUS. See page 65.			
CYDONIA Japonica. 18 to 24 in.	.25	2.00	17.50
2 to 3 ft.	.35	3.00	25.00
DAPHNE Cneorum. 8 to 9 in., B. & B.	.50	4.50	.....
9 to 12 in., B. & B.	.75	7.00	.....
Mezereum (February D). 15 to 18 in., B. & B.	1.25	11.50	.....
18 to 24 in., B. & B.	1.50	14.00	.....
DEUTZIA Gracilis. 15 to 18 in.	.30	2.50	.....
Lemoinei. 24 to 30 in.	.30	2.50	.....
Pride of Rochester. 2 to 3 ft.	.20	1.80	15.00
3 to 4 ft.	.25	2.00	17.50
ELAEAGNUS Angustifolia. 3 to 4 ft.	.35	3.00	.....
Argentea (Silverberry). 2 to 3 ft.	.40	3.00	.....
Umbellata (Autumn E.) 3 to 4 ft.	.40	3.00	20.00
ELSHOLTZIA Stauntoni. (Heathermint.) 15 to 18 in.	.50	4.00	.....
EUONYMUS Alatus (Burning Bush). 3 to 4 ft.	.50	4.50	.....
Alatus Compacta. 18 to 24 in.	.40	3.50	30.00
24 to 30 in.	.50	4.50	.....
3½ to 4 ft.	1.00	9.00	.....
4 ft., B. & B.	1.50	.....	.....
Europaeus. (European Burning Bush.) 2 to 3 ft.	.30	2.50	22.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.45	4.00	.....
EUONYMUS. (Winter Creeper.)			
Radicans Colorata. (Bronze Winter Creeper.) Foliage bright red during the winter months. 2-year.	.30	2.50	20.00
Radicans Vegetus. (Bigleaf Wintercreeper.) A trailing evergreen vine with large leaves. Excellent as a ground-cover and for use with evergreens. Orange-scarlet berries in fall. 12 to 15 in.	.60	5.00	.....
15 to 18 in., B. & B.	.80	7.50	.....
18 to 24 in., B. & B.	1.00	9.00	.....
EXOCHORDA Grandiflora. 3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

ORNAMENTAL SHRUBS—Continued.	Each	10	100
FORSYTHIA Intermedia. 2 to 3 ft	$0.20	$1.50	$12.00
3 to 4 ft	.25	1.75	16.00
4 to 5 ft	.30	2.00	18.00
5 to 6 ft	.35	2.25	20.00
Intermedia Spectabilis. 2 to 3 ft	.20	1.80	15.00
3 to 4 ft	.30	2.50	20.00
Ovata. 2 to 3 ft	.50	4.50	.....
Suspensa (Weeping F.). 2 to 3 ft	.30	2.00	.....
Suspensa Fortunei. 2 to 3 ft	.20	1.50	12.00
3 to 4 ft	.25	2.00	17.50
4 to 5 ft	.30	2.25	20.00
FOTHERGILLA (Springscent). 18 to 24 in	2.00	.....	.....
HAMAMELIS Vernalis. (Winterblooming Witch Hazel.) 2 to 3 ft	.75	6.00	.....
3 to 4 ft	1.00	9.00	.....
4 to 5 ft	1.35	12.00	.....
5 to 6 ft., specimens, B. & B	2.25	.....	.....
Virginica. (Witch Hazel.) 2 to 3 ft	.40	3.50	.....
3 to 4 ft	.50	4.50	.....
HIBISCUS Syriacus (Rose of Sharon), (Althaea).			
Double Purple, Pink, Red or White. 3 to 4 ft	.30	2.50	20.00
4 to 5 ft., tree form	.60	5.00	.....
Single Red, Purple, or White, 3 to 4 ft	.30	2.50	20.00
HYDRANGEA. Arborescens Grandiflora.			
2-year, 18 to 24 in	.30	2.75	25.00
Paniculata Grandiflora. 2-year, 18 to 24 in	.30	2.75	25.00
Tree Form. Stem, 3 to 4 ft	.90	7.50	.....
Quercifolia. (Oakleaf H.) 18 to 24 in	.50	4.00	.....
ILEX Opaca (American Holly). 2 to 3 ft., B. & B	2.50	.....	.....
3 to 4 ft., B. & B	3.50	.....	.....
Opaca Femina. Grafted, 15 to 18 in., B. & B	1.50	.....	.....
ILEX Verticillata. (Common Winterberry.)			
2 to 3 ft	.45	4.00	.....
3 to 4 ft	.50	4.50	.....
KOLKWITZIA Amabilis. 2 to 3 ft	.30	2.50	20.00
3 to 4 ft	.35	3.00	25.00
4 to 5 ft	.40	3.50	30.00
5 to 6 ft	.75	6.50	.....
KALMIA Latifolia (Mountain Laurel). 18 to 24 in., B. & B	1.75	.....	.....
KERRIA Japonica fl. pl. 18 to 24 in	.50	4.50	.....
LIGUSTRUM Amurense. (Amoor Privet, North.)			
18 to 24 in., 4 canes and up	...	1.00	7.00
2 to 3 ft., 4 canes and up	...	1.20	10.00
3 to 4 ft., 4 canes and up	...	1.75	15.00
Ibolium. 18 to 24 in., 4 canes	...	1.00	7.00
2 to 3 ft., 4 canes and up	...	1.20	10.00
2 to 3 ft., 8 canes and up	.25	2.00	18.00
3 to 4 ft., 8 canes and up	...	2.50	20.00
Ibota. 18 to 24 in	...	1.25	10.00
2 to 3 ft	.20	1.80	15.00
4 to 5 ft	.35	3.00	.....
Ibota Regelianum. 18 to 24 in	.35	3.00	27.50
2 to 3 ft	.40	3.50	.....
Chinese Elm Hedging—See Ulmus Pumila under Trees, page 30.			
LILAC, See **Syringa.**			
LONICERA (Bush Honeysuckle).			
Bella Albida. 4 to 5 ft	.30	2.00	18.00
5 to 6 ft	.40	3.00	20.00
Fragrantissima (Winter Honeysuckle). 3 to 4 ft	.30	2.50	.....
Korolkowi Floribunda. 3 to 4 ft	.45	4.00	.....
4 to 5 ft	.60	5.00	.....
5 to 6 ft	.70	6.00	.....
Maacki Podocarpa. (Late Honeysuckle.) 3 to 4 ft	.40	3.50	.....
4 to 5 ft	.50	4.00	35.00
5 to 6 ft	.60	5.00	40.00
Morrowii. 3 to 4 ft	.25	2.00	17.50
4 to 5 ft	.30	2.50	20.00
5 to 6 ft	.35	2.75	22.50
Ruprechtiana. 4 to 5 ft	.30	2.00	17.50
5 to 6 ft	.35	3.00	20.00
Tatarica Alba. 3 to 4 ft	.30	2.50	20.00
4 to 5 ft	.35	3.00	25.00
5 to 6 ft	.35	3.00	25.00
Tatarica Rosea. 3 to 4 ft	.25	2.25	20.00
4 to 5 ft	.30	2.50	20.00
5 to 6 ft	.35	2.75	22.50
MAHONIA Aquifolium. (Oregon Hollygrape.)			
12 to 15 in., B. & B	.50	4.00	.....
15 to 18 in., B. & B	.60	5.00	45.00
18 to 24 in., B. & B	1.00	9.00	75.00
2 to 2½ ft., B. & B	1.25	.....	.....
2½ ft. specimens, B. & B	1.65	.....	.....
PHILADELPHUS Avalanche (Syringa). 2 to 3 ft	.25	1.75	15.00
3 to 4 ft	.30	2.00	18.00
Banniere. 2 to 3 ft	.30	2.50	.....
Bouquet Blanc. 2 to 3 ft	.30	2.00	18.00
3 to 4 ft	.35	2.50	20.00
Coronarius. 3 to 4 ft	.20	1.75	14.00
4 to 5 ft	.25	2.00	16.00
5 to 6 ft	.30	2.50	18.00
6 to 8 ft	.35	2.75	20.00
Coronarius Aureus. Golden. 18 to 24 in	.40	3.50	.....
24 to 30 in	.50	4.00	.....
Dame Blanche. 18 to 24 in	.30	2.50	20.00
2 to 3 ft	.40	3.00	25.00
Enchantment. (New.) 2 to 3 ft	.35	3.00	.....
Favorite. 2 to 3 ft	.35	3.00	25.00
Glacier. 2 to 3 ft	.30	2.50	20.00
3 to 4 ft	.40	3.50	25.00
Girandole. 2 to 3 ft	.30	2.50	.....

PHILADELPHUS—Continued.	Each	10	100
Grandiflorus. 3 to 4 ft	$0.20	$1.75	$14.00
4 to 5 ft	.25	2.00	16.00
5 to 6 ft	.30	2.50	18.00
6 to 8 ft	.35	2.75	20.00
Innocence (New). 2 to 3 ft	.35	3.00	.....
3 to 4 ft	.50	4.00	.....
Lemoinei. 18 to 24 in	.20	1.50	12.00
2 to 3 ft	.25	1.75	15.00
3 to 4 ft	.30	2.00	18.00
Mont Blanc. 3 to 4 ft	.25	1.75	15.00
4 to 5 ft	.30	2.00	18.00
Norma. 2 to 3 ft	.30	2.50	20.00
3 to 4 ft	.40	3.00	25.00
Nivalis. 4 to 5 ft	.25	2.00	18.00
5 to 6 ft	.30	2.50	20.00
6 to 8 ft	.35	2.75	25.00
Ophelia. 2 to 3 ft	.30	2.50	.....
3 to 4 ft	.40	3.00	.....
Pyramidalis. 2 to 3 ft	.35	2.50	20.00
3 to 4 ft	.40	3.00	25.00
Virginal. 2 to 3 ft	.25	2.25	20.00
3 to 4 ft	.30	2.75	25.00
4 to 5 ft	.40	3.00	27.50
PHOTINIA Villosa. (Chinese Christmas Berry.)			
2 to 3 ft	.40	3.50	.....
3 to 4 ft	.50	4.00	.....
PHYSOCARPUS Monogynus. (Dwarf Ninebark.)			
2 to 2½ ft	.25	2.25	20.00
2½ to 3 ft	.30	2.75	25.00
PHYSOCARPUS Opulifolius. (Common Ninebark.)			
3 to 4 ft	.25	2.00	17.50
4 to 5 ft	.30	2.50	20.00
5 to 6 ft	.35	3.00	25.00
Opulifolius Aureus. (Goldenleaf Ninebark.) 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft	.30	2.50	20.00
5 to 6 ft	.35	3.00	25.00
PIERIS Floribunda (Lily-of-the-Valley Shrub). 15 to 18 in., B. & B	2.00	.....	.....
POTENTILLA Fruticosa. 18 to 24 in	.30	2.50	.....
2 to 3 ft	.35	3.00	.....
PRUNUS Glandulosa (Flowering Almond).			
Albiplena (Double White). 2 to 3 ft	.45	4.00	.....
3 to 4 ft	.50	4.50	.....
Sinensis (Double Pink). 2 to 3 ft., own root	.40	3.50	.....
3 to 4 ft., own root	.55	4.50	.....
Triloba. See **Trees,** page 30.			
PYRACANTHA Coccinea Lalandi (Laland Firethorn). 18 to 24 in., B. & B	1.50	12.50	.....
24 to 30 in., B. & B	1.75	15.00	.....
RHAMNUS Cathartica (Buckthorn). 2 to 3 ft	.20	1.50	12.00
3 to 4 ft	.30	2.00	17.50
4 to 5 ft	.40	3.00	25.00
5 to 6 ft	.45	3.50	.....
Frangula. 4 to 5 ft	.40	3.50	.....
5 to 6 ft	.50	4.50	.....
RHODODENDRON Carolinianum. 18 to 24 in., B. & B	2.75	.....	.....
Catawbiense. 2 to 2½ ft., B. & B	3.00	.....	.....
Hybrid Seedlings. 15 to 18 in., B. & B	2.25	.....	.....
Maximum (Rosebay R.). 18 to 24 in., B. & B	2.50	.....	.....
2 to 2½ ft., B. & B	3.00	.....	.....
RHODOTYPOS Kerrioides. 2 to 3 ft	.20	1.75	15.00
3 to 4 ft	.25	2.00	17.50
RHUS Canadensis. 18 to 24 in	.30	2.50	22.50
2 to 3 ft	.35	3.00	.....
3 to 4 ft	.40	3.50	.....
4 to 5 ft	.45	4.00	.....
Cotinus. (Smoke Tree.) 2 to 3 ft	.50	4.50	.....
3 to 4 ft	.70	6.50	.....
4 to 5 ft	.90	7.50	.....
5 to 6 ft	1.00	.....	.....
Typhina Laciniata. (Shredded Sumac.) 2 to 3 ft	.25	2.00	18.00
3 to 4 ft	.30	2.50	20.00
4 to 5 ft	.40	3.00	25.00
ROBINIA Hispida. (Rose Acacia.) 3 to 4 ft	.50	4.50	.....
Kelseyi. 3 to 4 ft	.65	6.00	.....
ROSA			
Harrison's Yellow. 2-year	.40	3.50	30.00
Hugonis. 2-year	.40	3.00	25.00
3 year	.50	4.00	35.00
Rubiginosa. (Sweetbriar.) 2-year	.30	2.50	.....
Rugosa Agnes. 2-year	.40	3.50	.....
Rugosa Blanc Double de Coubert. 2-year	.35	3.00	.....
Rugosa Belle Poitevine. 2-year	.30	2.50	20.00
3-year	.35	3.00	25.00
Rugosa Dr. Eckener. 2-year	.40	3.50	.....
Rugosa F. J. Grootendorst. 2-year	.40	3.50	30.00
Rugosa Hansa. 2-year	.30	2.50	20.00
3-year	.35	3.00	25.00
Rugosa Pink Grootendorst. 2-year	.50	4.00	35.00
Rugosa Rubra. 2-year	.30	2.50	20.00
3-year	.35	3.00	25.00
Setigera. 2-year	.25	2.00	.....
3-year	.35	2.50	20.00
SALIX Pentandra. (Laurel Willow.) 6 to 8 ft	.60	5.00	.....
8 to 10 ft	.90	8.00	.....
SAMBUCUS Canadensis (American Elder). 3 to 4 ft	.30	2.50	.....
Nigra Aurea. 3 to 4 ft	.35	3.00	.....
Pubens. 3 to 4 ft	.35	3.00	.....
4 to 5 ft	.40	3.50	.....
SORBARIA Sorbifolia. (Ural False Spiraea.) 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft	.30	2.50	22.50

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

SHRUBS—Continued.	Each	10	100
SPIRAEA Arguta. 24 to 30 in	$0.25	$1.80	$15.00
2½ to 3 ft.	.30	2.00	18.00
3 to 4 ft.	.35	2.25	20.00
Billiardi. 3 to 4 ft.	.20	1.80	15.00
4 to 5 ft.	.25	2.00	18.00
Bumalda Anthony Waterer. 15 to 18 in.	.25	1.75	15.00
18 to 24 in.	.30	2.00	17.50
Froebeli. 18 to 24 in.	.20	1.20	9.00
24 to 30 in.	.25	1.50	10.00
30 to 36 in.	.30	2.00	12.00
Japonica Ovalifolia (White Japanese S.). 15 to 18 in.	.20	1.75	15.00
18 to 24 in.	.25	2.00	18.00
Latifolia. 3 to 4 ft.	.30	2.00	12.00
4 to 5 ft.	.35	2.50	15.00
Prunifolia Plena (Double Bridal Wreath). 3 to 4 ft.	.30	2.50	.....
Thunbergi. 24 to 30 in.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
Trichocarpa (Korean S.). 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	22.50
Van Houttei (Bridal Wreath). 2 to 3 ft.	.15	1.20	10.00
3 to 4 ft.	.25	1.50	12.00
4 to 5 ft.	.30	2.00	14.00
5 to 6 ft.	.35	2.50	18.00
SYMPHORICARPOS Racemosus. (Snowberry).			
2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.30	2.00	18.00
Vulgaris (Indian Currant). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	15.00
SYRINGA (Lilac) Japonica. 4 to 5 ft.	.60	5.00	.....
5 to 6 ft.	.70	6.00	50.00
6 to 8 ft.	.90	7.50	.....
Josikaea. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	35.00
Persian Purple. 2 to 3 ft.	.30	2.25	20.00
3 to 4 ft.	.35	2.50	22.50
4 to 5 ft.	.40	2.80	25.00
5 to 6 ft.	.50	4.00	.....
Villosa. 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	.....
5 to 6 ft.	.50	4.00	.....
Vulgaris Alba. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.50	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
Vulgaris Purpurea. 2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	17.50
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.50	30.00
NAMED FRENCH VARIETIES.			
Mad. Lemoine, Mad. Casimir Perier, Marie Legraye, Michael Buchner and Pres. Grevy.			
3 to 4 ft.	.75	6.00	.....
4 to 5 ft.	.80	7.50	.....
Charles X., Michael Buchner, Pres. Grevy. 5 to 6 ft.	1.25	10.00	.....
NEW AND RARE LILACS.* (Early Lilacs, Syringa Giraldi.)			
Berryer*, Buffon*, Charles Joly, Claude Bernard*, Descha rt es*, Edouard Andre, Lamartine, Montaigne, Pres. Loubet. 3 to 4 ft.	.90	7.50	.....
Berryer, Charles Joly, Claude Bernard*, Deschartes, Montaigne. 4 to 5 ft.	1.25	10.00	.....
Katherine Havemeyer, Leon Gambetta, Marechal Lannes, Miss Ellen Willmott, Jan Van Tol, Pres. Poincare. 2 to 3 ft.	1.00	8.50	.....
Katherine Havemeyer, Jan Van Tol. 3 to 4 ft.	1.25	.....	.....
TAMARIX Africana. 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
Amurensis. 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
Hispida Aestivalis. 3 to 4 ft.	.30	2.50	.....
4 to 5 ft.	.35	3.00	.....
VIBURNUM Americanum. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	3.50	.....
Carlesi. (Fragrant V.) 18 to 24 in.	.90	7.50	.....
18 to 24 in., B. & B.	1.25	11.50	.....
2 to 2½ ft., B. & B.	1.75	15.00	.....
Dentatum. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
Lantana. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	2.75	22.50
4 to 5 ft.	.40	3.50	27.50
Lentago. 2 to 3 ft.	.40	3.50	.....
3 to 4 ft.	.50	4.50	.....
Molle. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
Opulus. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.45	3.75	32.50
Opulus Nanum. 9 to 12 in.	.50	4.00	.....
Opulus Sterile. 2 to 3 ft.	.35	3.00	.....
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	35.00
Sargenti. (Sargent Cranberrybush.) 3 to 4 ft.	.50	4.00	35.00
Sieboldi. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
Tomentosum. (Double file V.) 18 to 24 in.	.30	2.50	.....
2 to 3 ft.	.35	3.00	.....
ULMUS Pumila, Chinese Elm Hedging—See Trees.			
VITEX Negundo Incisa. (Cutleaf Lilac Chaste Tree.) 2-year	.40	3.00	25.00
WEIGELA Candida. 2 to 3 ft.	.30	2.00	18.00
3 to 4 ft.	.35	3.00	25.00
Eva Rathke. 2 to 3 ft.	.35	3.00	27.50
Floribunda. 2 to 3 ft.	.35	3.00	25.00
Nana Variegata. 2 to 3 ft.	.35	3.00	.....
Rosea. 2 to 3 ft.	.25	2.00	15.00
3 to 4 ft.	.30	2.50	20.00

AMPELOPSIS Veitchii (Boston Ivy).

Hardy Vines

	Each	10	100
AKEBIA Quinata. A beautiful Japanese vine with unique foliage and chocolate-purple flowers. 2-year	$0.25	$2.00	$18.00
3 year	.30	2.50	22.50
AMPELOPSIS Aconitifolia (Monkshood Vine.) Attractive foliage; amber berries in autumn. 2-year	.25	2.00	18.00
Engelmani. A hardy and quick-growing, self-clinging vine. 2-year	.20	1.75	15.00
3-year	.25	2.00	17.50
Heterophylla. Ornamental, heart-shaped leaves; turquoise blue berries in fall. 2-year	.30	2.50	.....
3-year	.40	3.00	.....
Quinquefolia (Woodbine). A good native vine valued for its bright crimson foliage in fall. 2-year	.20	1.50	12.00
3-year	.25	1.75	15.00
Veitchii (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1	.30	2.50	20.00
ARISTOLOCHIA Sipho. (Dutchman's Pipe.) 3 in. Pots	.75	6.50	.....
2-year, grafted	1.00	8.50	.....
BIGNONIA Radicans. Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year	.25	2.00	15.00
CELASTRUS. Hardy climber, with orange-capsuled fruit in autumn.			
Scandens (American Bittersweet). 2-year	.30	2.50	20.00
3-year	.40	3.50	.....
CLEMATIS—Coccinea. Bell-shaped flowers of bright coral-red	.30	2.00	18.00
Crispa. Flowers deep blue with white border	.30	2.00	18.00
Duchess of Albany (New). Pink trumpet shaped flowers about 3½ to 4 inches long. 2-year	1.00	9.00	.....
Montana Rubens. Rosy-pink, Anemone-like flowers, 2-year	.50	4.00	37.50
CLEMATIS—Small-Flowering Paniculata. The finest small-flowered Clematis. Pure white, deliciously fragrant flowers. September. 2-year	.30	2.50	18.00
CLEMATIS—Large-Flowering.			
Duchess of Edinburgh, double white; **Henryi,** single white; **Jackmani,** rich royal purple; **Mme. Baron Veillard,** pink; **Mme. Ed. Andre,** wine red; **Ramona,** blue, 2-year No. 1	.50	4.00	37.50
2½ inch pots	.30	2.10	15.00
Belle of Woking (New). Double silvery grey	1.00	9.00	.....
Comtesse de Bouchard (New). Satiny rose	1.00	9.00	.....
Kermesina (New). Large maroon red	1.00	9.00	.....
Lawsoniania (New). Very large blue. 2-year	1.00	9.00	.....
Lord Neville (New). Purplish-plum	1.50	.....	.....
HEDERA Helix Gracilis—Small-Leaved. Hardy English Ivy. 2½ inch pots	.20	1.75	12.00
5 inch pots, 2-year	.40	3.50	.....
LONICERA—Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. 2-year	.50	4.50	.....
Japonica Aurea Reticulata. Foliage spotted bright yellow; flowers creamy white. 3-year	.30	2.00	.....
Japonica Halliana (Hall's Japanese). Very fragrant pure white flowers changing to yellow. 2-year	.25	1.80	14.00
3-year	.35	3.00	.....
Sempervirens (Scarlet Trumpet). Fuchsia-like scarlet flowers. 2-year	.25	2.00	18.00
Telmanniana (Golden Giant H.) 2-year	.60	5.00	.....
LYCIUM Barbarum (Matrimony Vine). Of trailing habit. Attractive red berries in autumn. 2-year	.20	1.50	12.00
3-year	.25	2.00	18.00
POLYGONUM Auberti. Fast growing vine producing foamy masses of white flowers in late summer. 2-year	.50	3.50	30.00
PUERARIA Thunbergiana. (Kudzu Vine.) No. 1	.20	1.60	14.00
WISTERIA Magnifica. Vigorous grower. Purple-lilac flowers. 2-year	.25	2.00	15.00
3-year	.30	2.00	18.00
Multijuga Floribunda Rosea. (Pink Japanese Wisteria.) 1-year grafts	1.00	.....	.....
Sinensis Alba. Pure white flowers. 2-year grafts	.50	4.00	.....
Sinensis Purpurea. Flowers purple. 2-year grafts	.40	3.50	.....
Sinensis Purpurea—Tree Form or Standards. 3 to 4 ft., stems, B. & B.	5.00	.....	.....

Ornamental and Shade Trees

All our trees are nursery grown and are one or more times transplanted.

	Each	10	100
ACER Dasycarpum (Silver Maple).			
6 to 8 ft	$0.60	$ 5.00	$45.00
8 to 10 ft., 1 to 1¼ in. caliper	.90	7.50	60.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.00	9.00	70.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.20	10.00	90.00
10 to 12 ft., 1¾ to 2 in. caliper	1.30	11.50	100.00
12 to 14 ft., 2 to 2¼ in. caliper	1.40	12.50	115.00
12 to 14 ft., 2¼ to 2½ in. caliper	1.75	15.00	.....
14 to 16 ft., 2½ to 2¾ in. caliper	2.00	17.50	.....
Dasycarpum Pyramidalis (Pyramidal Soft Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.40	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.50	13.50	.....
8 to 10 ft., 1½ to 1¾ in. caliper	1.65	15.00	.....
Dasycarpum Wieri (Wier Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.35	12.50	.....
10 to 12 ft., 1½ to 1¾ in. caliper	1.75	15.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.00	17.50	.....
12 to 14 ft., 2 to 2¼ in. caliper	2.25	20.00	.....
12 to 14 ft., 2½ to 3 in. caliper	3.00	27.50	.....
Ginnala (Amur Maple). 3 to 4 ft	.40	3.00	25.00
4 to 5 ft	.60	5.00	40.00
5 to 6 ft	.75	6.00	50.00
6 to 7 ft	1.00	9.00	70.00
7 to 8 ft	1.25	10.00	.....
Palmatum Atro-Purpureum (Bloodleaf Japanese Maple).			
2 to 2½ ft., B. & B	2.50	20.00	.....
2½ to 3 ft., B. & B	3.00	.....	.....
3 to 3½ ft., B. & B	3.50	.....	.....
3½ to 4 ft., B. & B	4.00	.....	.....
Platanoides (Norway Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.50	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.60	14.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	1.90	17.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.25	20.00	.....
12 to 14 ft., 2 to 2¼ in. caliper	2.75	25.00	.....
12 to 14 ft., 2¼ to 2½ in. caliper	3.00	27.50	.....
12 to 14 ft., 2½ to 2¾ in. caliper	3.50	32.50	.....
12 to 14 ft., 2¾ to 3 in. caliper	4.00	37.50	.....
16 to 18 ft., 3 to 3¼ in. caliper	5.00	47.50	.....
16 to 18 ft., 3½ in. caliper	6.50	60.00	.....
16 to 18 ft., 4 in. caliper	9.00	85.00	.....
Write for prices on larger sizes.			
Platanoides Globosum (Globe Maple).			
5 to 6 ft., 3-year heads	3.50	.....	.....
Platanoides Schwedleri (Schwedler Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.75	25.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.25	30.00	.....
12 to 14 ft., 2 to 2¼ in. caliper	4.25	40.00	.....
12 to 14 ft., 2¼ to 2½ in. caliper	5.50	52.50	.....
12 to 14 ft., 2½ to 2¾ in. caliper	6.50	.....	.....
Saccharum (Sugar Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.50	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.75	15.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.25	20.00	.....
AESCULUS Carnea (Red Horse Chestnut).			
5 to 6 ft	3.25	.....	.....
Hippocastinum (Horse Chestnut).			
5 to 6 ft., 1 to 1¼ in. caliper	1.25	10.00	.....
5 to 6 ft., 1¼ to 1½ in. caliper	1.75	15.00	.....
AILANTHUS Glandulosa (Tree of Heaven). 4 to 5 ft.	.50	4.50	35.00
5 to 6 ft	.65	5.50	50.00
6 to 8 ft	.90	7.50	.....
8 to 10 ft	1.25	.....	.....
ARALIA Spinosa (See Shrubs).			
BETULA (Cut-Leaved Weeping Birch). 6 to 8 ft	2.00	.....	.....
8 to 10 ft	2.50	.....	.....
CATALPA Bungei. 5 to 6 ft., 2-year head	1.00	9.00	.....
Speciosa. 8 to 10 ft., 1 to 1¼ in. caliper	.60	5.00	35.00
8 to 10 ft., 1¼ to 1½ in. caliper	.75	6.00	45.00
10 to 12 ft., 1½ to 1¾ in. caliper	.90	7.50	60.00
12 to 14 ft., 2 to 2¼ in. caliper	1.00	9.00	75.00
CERCIS Canadensis (American Redbud). 4 to 5 ft.	.90	7.50	.....
5 to 6 ft	1.10	10.00	.....
CHERRY, Japanese—See Prunus.			
CORNUS Florida (White Flowering Dogwood).			
3 to 4 ft., B. & B	1.50	.....	.....
4 to 5 ft., B. & B	2.00	.....	.....
CORNUS Florida Rubra (Red Flowering Dogwood).			
2 to 3 ft., B. & B	1.75	15.00	.....
3 to 4 ft., B. & B	2.50	22.50	.....
4 to 5 ft., B. & B	3.25	.....	.....
CRATAEGUS (Hawthorn).			
Arnoldiana. 5 to 6 ft	1.50	12.50	.....
6 to 8 ft	2.00	17.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.50	22.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	3.00	27.50	.....
Carrieri. 5 to 6 ft	1.75	.....	.....
6 to 7 ft	2.50	.....	.....
8 to 10 ft	4.00	.....	.....
Coccinea (Thicket Hawthorn). 4 to 5 ft	1.75	15.00	.....
5 to 6 ft	2.00	17.50	.....
6 to 7 ft. specimens, B. & B	5.00	.....	.....
7 to 8 ft. specimens, B. & B	8.00	.....	.....
Cordata. 3 to 4 ft	1.00	9.00	.....
4 to 5 ft	1.50	12.50	.....
5 to 6 ft	2.00	17.50	.....
6 to 7 ft	2.50	22.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	3.00	27.50	.....

CRATAEGUS—Continued.	Each	10	100
Crusgalli.			
6 to 7 ft	$2.50	$22.50	.....
6 to 7 ft. sheared specimens, B. & B	7.50	.....	.....
8 to 10 ft. sheared specimens, B. & B	10.00	.....	.....
Oxyacantha (English Hawthorn). 4 to 5 ft	1.00	9.00	.....
5 to 6 ft	1.75	15.00	.....
6 to 7 ft	2.00	17.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	3.00	.....	.....
Oxyacantha Splendens. (Paul's Dbl. Scarlet Hawthorn.) 3 to 4 ft	1.10	10.00	.....
4 to 5 ft	1.50	12.50	.....
5 to 6 ft	2.00	17.50	.....
FAGUS Sylvatica Riversi (Rivers Purple Beech).			
2 to 3 ft., B. & B	3.25	.....	.....
3 to 4 ft., B. & B	4.00	.....	.....
FRAXINUS Americanus (White Ash).			
10 to 12 ft., 1½ to 1¾ in. caliper	1.50	12.50	.....
10 to 12 ft., 1¾ to 2 in	1.75	15.00	.....
12 to 14 ft., 2 to 2¼ in	2.00	17.50	.....
GINKGO Biloba (Maidenhair Tree). 5 to 6 ft	1.50	.....	.....
6 to 8 ft	2.50	.....	.....
GLEDITSIA Triacanthos Inermis (Thornless Honey Locust). 8 to 10 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.75	25.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.25	30.00	.....
JUGLANS Nigra (Black Walnut).			
7 to 8 ft., 1¼ to 1½ in. caliper	1.25	10.00	.....
8 to 10 ft., 1½ to 1¾ in. caliper	1.75	15.00	.....
10 to 12 ft., 2 to 2¼ in. caliper	2.25	20.00	.....
10 to 12 ft., 2½ to 2¾ in. caliper	4.00	.....	.....
LIRIODENDRON Tulipifera (Tuliptree). 6 to 8 ft.	1.50	13.50	.....
8 to 10 ft., 1 to 1¼ in. caliper	1.75	.....	.....
MAGNOLIA Glauca (Sweet Bay). 3 to 4 ft., B. & B.	2.50	22.50	.....
4 to 5 ft., B. & B	3.00	27.50	.....
Soulangeana. 2 to 3 ft., B. & B	2.50	22.50	.....
3 to 4 ft., B. & B	3.75	35.00	.....
4 to 5 ft., B. & B	5.50	50.00	.....
5 to 6 ft., B. & B	8.00	75.00	.....
6 to 8 ft., B. & B	10.00	.....	.....
Stellata (Halleana) (Star M). 2 to 2½ ft., B. & B.	4.00	.....	.....
2½ to 3 ft., B. & B	5.00	.....	.....
3 to 4 ft., B. & B	7.50	.....	.....
MALUS (Flowering Crab Apples).			
Niedzwetzkyana, Atrosanguinea. 4 to 5 ft	1.00	9.00	.....
Baccata, Floribunda, Niedzwetzkyana, Atrosanguinea. 5 to 6 ft	1.25	10.00	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana, Sargenti. 6 to 8 ft., 1½ to 1¾ in. caliper, specimens	3.00	27.50	.....
Atrosanguinea, Baccata, Floribunda. 6 to 8 ft., 1¾ to 2 in. caliper, specimens	3.50	32.50	.....
Atrosanguinea, Coronaria, Floribunda. 2 to 2½ in. caliper, specimens	5.00	.....	.....
Eleyi (New). 4 to 5 ft	1.50	12.50	.....
5 to 6 ft	1.75	15.00	.....
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab).			
3 to 4 ft	.90	7.50	.....
4 to 5 ft	1.00	9.00	.....
5 to 6 ft	1.50	12.50	.....
6 to 7 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
7 to 8 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
7 to 8 ft. specimens, 1½ to 1¾ in. caliper	5.00	.....	.....
7 to 8 ft. specimens, 1¾ to 2 in. caliper	6.50	.....	.....
Sargenti. 5 to 6 ft	2.00	17.50	.....
6 to 8 ft., 1½ to 1¾ in. caliper	4.00	.....	.....
MORUS Alba Pendula (Weeping Mulberry). The most popular of the small Weeping Trees.			
5 to 6 ft., 2-year heads	1.50	13.50	.....
5 to 6 ft., 3-year heads	2.00	17.50	.....
6 to 7 ft., 5-year heads, specimens	3.75	.....	.....
PLATANUS Occidentalis (American Planetree).			
8 to 10 ft	1.75	15.00	.....
POPULUS Eugenei (Carolina Poplar). One of the most rapid growing of all shade trees.			
8 to 10 ft., 1¼ to 1½ in. caliper	.60	5.00	$40.00
10 to 12 ft., 1½ to 1¾ in. caliper	.70	6.00	45.00
10 to 12 ft., 1¾ to 2 in. caliper	.80	7.00	60.00
12 to 14 fc., 2 to 2¼ in. caliper	1.00	9.00	75.00
12 to 14 ft., 2¼ to 2½ in. caliper	1.25	10.00	90.00
12 to 14 ft., 2½ to 3 in. caliper	1.50	12.50	.....
Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground. 6 to 8 ft	.50	4.00	35.00
8 to 10 ft., 1 to 1¼ in. caliper	.60	5.50	50.00
8 to 10 ft., 1¼ to 1½ in. caliper	.90	7.50	65.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.00	9.00	80.00
PRUNUS Americana (American Plum). 3 to 4 ft	.25	1.80	15.00
4 to 5 ft	.30	2.00	18.00
5 to 6 ft	.35	3.00	25.00
Blirieana (Purple-leaved Flowering Plum) 4 to 5 ft.	.90	7.50	.....
Newport (Purple-leaved). 3 to 4 ft	.60	5.00	.....
4 to 5 ft	.70	6.00	.....
5 to 6 ft	.90	7.50	.....
6 to 8 ft	2.00	17.50	.....
6 to 8 ft. specimens, 1½ to 2 in. caliper	3.50	.....	.....
Pissardi (Purple-leaved Plum). 3 to 4 ft	.50	4.00	.....
4 to 5 ft	.60	5.50	.....
5 to 6 ft	.80	7.50	.....
6 to 8 ft	1.50	12.50	.....
6 to 8 ft. specimens, 1½ to 2 in. caliper	2.50	.....	.....

ORNAMENTAL AND SHADE TREES Prunus—Cont.	Each	10	100
Triloba (Flowering Plum). 2 to 3 ft.	$0.50	$4.00	$35.00
3 to 4 ft.	.60	5.00	45.00
4 to 5 ft.	.75	6.50	.....
5 to 6 ft. specimens, B. & B.	4.00	.....	.....
6 to 7 ft. specimens, B. & B.	10.00	.....	.....
PRUNUS (Japanese Flowering Cherries).			
Autumnalis. 4 to 5 ft.	2.00	17.50	.....
Amanogawa, Kwanzan (Sekizan).			
Naden, Mt. Fuji. 4 to 5 ft.	1.50	12.50	.....
5 to 6 ft.	1.75	15.00	.....
PRUNUS, Japanese Weeping Cherry, Double Pink Flowering, Serrulata Type (Umbrella Shaped).			
5 to 6 ft. stems, 1-yr. heads	3.00	27.50	.....
Subhirtella Type. 5 to 6 ft. stems, 1-yr. heads	3.00	27.50	.....
QUERCUS Macrocarpa (Mossycup Oak).			
6 to 8 ft.	1.75	15.00	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.00	17.50	.....
8 to 10 ft., 1½ to 1¾ in. caliper	2.50	22.50	.....
8 to 10 ft., 1¾ to 2 in. caliper	3.50	.....	.....
8 to 10 ft., 2 to 2¼ in. caliper	4.50	.....	.....
Palustris (Pin Oak).			
8 to 10 ft., 1 to 1¼ in. caliper	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.50	22.50	.....
8 to 10 ft., 1½ to 1¾ in. caliper	2.75	25.00	.....
8 to 10 ft., 1¾ to 2 in. caliper	3.00	27.50	.....
Rubra (Red Oak). 6 to 8 ft.	1.75	15.00	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.75	25.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.25	30.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.50	32.50	.....
10 to 12 ft., 2 to 2¼ in. caliper	4.00	37.50	.....
10 to 12 ft., 2¼ to 2½ in. caliper	4.50	42.50	.....
SALIX Babylonica (Babylon Weeping Willow).			
6 to 8 ft.	.75	6.50	60.00
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.50	12.50	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.00	17.50	.....
10 to 12 ft., 2 to 2¼ in. caliper	2.50	.....	.....
Vitellina Britzensis. 4 to 5 ft.	.30	2.50	.....
5 to 6 ft.	.40	3.00	.....
8 to 10 ft.	.75	6.00	50.00
SOPHORA Japonica (Chinese Scholar Tree).			
2 to 3 ft.	.75	6.00	.....
3 to 4 ft.	.85	7.50	.....
SORBUS Aucuparia (European Mountain Ash).			
6 to 8 ft.	1.50	12.50	.....
TILIA Americana (American Linden).			
8 to 10 ft., 1 to 1¼ in. caliper	1.35	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.60	15.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.00	17.50	.....
Pyramidal European Linden. 5 to 6 ft.	1.75	16.50	.....
6 to 8 ft.	2.25	20.00	.....
ULMUS Americana (American Elm).			
8 to 10 ft., 1 to 1¼ in. caliper	.65	5.00	40.00
8 to 10 ft., 1¼ to 1½ in. caliper	.75	6.00	55.00
10 to 12 ft., 1½ to 1¾ in. caliper	.90	7.50	65.00
10 to 12 ft., 1¾ to 2 in. caliper	1.15	9.00	75.00
10 to 12 ft., 2 to 2¼ in. caliper	1.25	10.00	90.00
12 to 14 ft., 2¼ to 2½ in. caliper	1.50	12.50	100.00
12 to 14 ft., 2½ to 2¾ in. caliper	2.00	15.00	125.00
12 to 14 ft., 2¾ to 3 in. caliper	2.50	20.00	175.00
12 to 14 ft., 3 to 3¼ in. caliper	2.75	25.00	225.00
12 to 14 ft., 3¼ to 3½ in. caliper	3.00	27.50	250.00
12 to 14 ft., 3½ to 3¾ in. caliper	4.00	37.50	.....
12 to 14 ft., 3¾ to 4 in. caliper	5.00	45.00	.....
14 to 16 ft., 4 to 4½ in. caliper	6.00	57.50	.....
Americana Molini (Moline Elms). 6 to 8 ft.	.75	6.50	60.00
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	80.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.25	11.50	100.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.50	14.00	125.00
10 to 12 ft., 1¾ to 2 in. caliper	2.00	17.50	150.00
12 to 14 ft., 2 to 2¼ in. caliper	2.25	20.00	175.00
12 to 14 ft., 2¼ to 2½ in. caliper	2.75	25.00	225.00
12 to 14 ft., 2½ to 2¾ in. caliper	3.25	30.00	250.00
12 to 14 ft., 2¾ to 3 in. caliper	3.50	32.50	.....
14 to 16 ft., 3 to 3¼ in. caliper	4.00	37.50	.....
16 to 18 ft., 3¼ to 3½ in. caliper	5.00	45.00	.....
16 to 18 ft., 3½ to 3¾ in. caliper	6.00	55.00	.....
3½ to 4 in. caliper, specimens	10.00	.....	.....
4 to 4½ in. caliper, specimens	15.00	.....	.....
Americana Urni (Vase-Shaped Elm). 6 to 8 ft.	.75	6.50	60.00
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	80.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.25	11.50	100.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.50	14.00	125.00
10 to 12 ft., 1¾ to 2 in. caliper	1.90	17.50	150.00
12 to 14 ft., 2 to 2¼ in. caliper	2.25	20.00	175.00
12 to 14 ft., 2¼ to 2½ in. caliper	2.50	22.50	200.00
14 to 16 ft., 2½ to 2¾ in. caliper	2.75	25.00	225.00
14 to 16 ft., 2¾ to 3 in. caliper	3.00	27.50	250.00
3 to 3¼ in. caliper	4.00	37.50	350.00
3¼ to 3½ in. caliper	5.00	45.00	.....
3½ to 3¾ in. caliper	6.00	55.00	.....
3½ to 4 in. caliper, specimens	10.00	.....	.....
4 to 4½ in. caliper, specimens	15.00	.....	.....
Pumila (Chinese Elm). 5 to 6 ft.	.75	6.50	50.00
6 to 8 ft.	.90	8.00	75.00
8 to 10 ft., 1 to 1¼ in. caliper	1.25	11.50	100.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.65	15.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.50	22.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.75	25.00	.....
10 to 12 ft., 2 to 2¼ in. caliper	3.25	30.00	.....
10 to 12 ft., 2¼ to 2½ in. caliper	4.00	.....	.....

Write for prices on Elms in larger sizes.

Pumila—Chinese Elm Hedging.		
18 to 24-in. seedling, not transplanted	.50	3.50
2 to 3-ft. seedling, not transplanted	.75	5.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

Vaughan's Evergreens

Prices listed, unless otherwise noted, include balling and burlapping. All our Evergreens are two or more times transplanted.

ABIES Concolor (White Fir). Forms a compact symmetrical tree of blue green foliage.	Each	10	100
18 to 24 in.	$1.50	$12.50	.....
2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	4.00	37.50	.....
3½ to 4 ft.	5.00	47.50	.....
4 to 4½ ft.	5.75	55.00	.....
4½ to 5 ft.	6.50	.....	.....
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.			
12 to 15 in.	.90	7.50	.....
15 to 18 in.	1.00	9.00	.....
18 to 24 in.	1.35	12.50	.....
24 to 30 in.	1.50	12.50	.....
2½ to 3 ft.	1.75	15.00	.....
JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.			
15 to 18 in. spread	1.75	16.50	.....
18 to 24 in. spread	2.75	.....	.....
24 to 30 in. spread	3.25	.....	.....
2½ to 3 ft. spread	3.75	35.00	.....
3 to 3½ ft. spread	4.25	40.00	.....
3½ to 4 ft. spread	5.00	47.50	.....
4 to 4½ ft. spread	5.50	52.50	.....
4½ to 5 ft.	6.50	60.00	.....
4½ to 5 ft. specimens	8.00	.....	.....
5 to 6 ft.	8.50	80.00	.....
5 to 6 ft. specimens	12.00	.....	.....
6 to 7 ft.	10.00	.....	.....
6 to 7 ft. specimens	15.00	.....	.....
7 to 8 ft.	12.50	.....	.....
8 to 10 ft.	15.00	.....	.....
10 to 12 ft.	17.50	.....	.....
Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit.			
3 to 3½ ft.	4.25	40.00	.....
Chinensis Procumbens. Long trailing branches; foliage glaucous green. 12 to 15 in.	1.50	12.50	.....
15 to 18 in.	1.75	15.00	.....
18 to 24 in.	2.25	20.00	.....
24 to 30 in. spread	3.00	27.50	.....
2½ to 3 ft. spread	4.00	37.50	.....
Chinensis Pyramidalis Green (Column Chinese Juniper). Narrow pyramidal growth with green foliage. 5 to 5½ ft.	4.50	42.50	.....
5½ to 6 ft.	5.00	47.50	.....
6 to 6½ ft.	5.50	52.50	.....
6½ to 7 ft.	6.75	65.00	.....
7 to 7½ ft.	7.50	.....	.....
Chinensis Sargenti (Sargent J.). Of trailing habit with erect branchlets. Foliage green with bluish cast.			
18 to 24 in.	2.50	22.50	.....
2 to 2½ ft.	3.00	27.50	.....
Communis Depressa Plumosa (Andorra Juniper). Of low spreading, irregular form with bright-green foliage, reddish-purple in fall. 12 to 15 in. spread	1.25	10.00	.....
15 to 18 in. spread	1.50	12.50	.....
18 to 24 in. spread	2.00	17.50	.....
2 to 2½ ft. spread	2.50	22.50	.....
2½ to 3 ft. spread	2.75	25.00	.....
Japonica (Japanese J.). Vigorous grower with wide-spreading procumbent branches. 2 to 2½ ft.	2.75	25.00	.....
2½ to 3 ft.	3.50	.....	.....
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 18 to 24 in.	1.75	15.00	.....
24 to 30 in.	2.25	20.00	.....
2½ to 3 ft.	2.75	25.00	.....
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground. 15 to 18 in.	.80	7.50	$65.00
18 to 24 in.	1.25	10.00	90.00
2 to 2½ ft.	1.75	15.00	140.00
2½ to 3 ft.	2.25	20.00	.....
3 to 3½ ft.	2.75	25.00	.....
5 ft. specimens	4.50	.....	.....
Sabina Prostrata Horizontalis Glauca. Like the above, but with distinct steel-blue foliage. 18 to 24 in.	1.75	15.00	.....
2 to 2½ ft. spread	2.25	20.00	.....
2½ to 3 ft. spread	2.75	25.00	.....
3 to 3½ ft. spread	3.00	27.50	.....
5 ft. specimens	5.00	.....	.....
Sabina Von Ehron. Semi-spreading, picturesque drooping branches, and very dark green foliage.			
18 to 24 in.	1.75	15.00	.....
2 to 2½ ft.	2.25	20.00	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.00	27.50	.....
Scopulorum Hilli (Silver Colorado Juniper).			
2½ to 3 ft.	3.25	30.00	.....
3 to 3½ ft.	3.75	35.00	.....
4½ ft. sheared specimens	7.50	.....	.....
Squamata Meyeri (Meyer Juniper). Of dwarf, irregular growth and novel coloring in tones of green, white and pinkish-red. 18 to 24 in.	2.00	17.50	.....
2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.50	32.50	.....
3 ft.	4.50	.....	.....
Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.			
4 to 4½ ft.	3.00	27.50	.....
4½ to 5 ft.	3.50	32.50	.....
5 to 5½ ft. sheared	4.00	37.50	.....
5½ to 6 ft. sheared	4.50	42.50	.....
6 to 6½ ft. sheared	5.00	47.50	.....
6½ to 7 ft. sheared	6.00	57.50	.....
7 to 7½ ft. sheared	6.75	65.00	.....
7½ to 8 ft. sheared	7.50	70.00	.....

JUNIPERUS, Virginiana—Continued.	Each	10	100
8 ft. sheared	$8.00	$ 75.00	.....
9 ft. sheared	9.00	85.00	.....
10 ft. sheared	10.50	100.00	.....
11 ft. sheared	12.00	.....	.....
12 ft. sheared	15.00	.....	.....
Virginiana Cannarti (Cannart Red Cedar). Rich, deep green foliage, heavily tufted. 2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.75	35.00	.....
3½ to 4 ft.	4.75	45.00	.....
4 to 4½ ft.	5.25	50.00	.....
4½ to 5 ft.	5.75	55.00	.....
5 to 5½ ft.	6.25	60.00	.....
5½ ft.	7.00	67.50	.....
6 ft.	7.75	75.00	.....
6½ ft.	8.50	.....	.....
7 ft.	9.50	.....	.....
Virginiana Elegantissima (Gold-Tip Red Cedar). The new growth is golden. 7½ ft.	11.50	.....	.....
8 ft.	14.00	.....	.....
Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage.			
2 to 2½ ft.	2.00	17.50	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.00	27.50	.....
3½ to 4 ft.	3.50	32.50	.....
4 to 4½ ft.	4.00	37.50	.....
4½ to 5 ft.	4.50	42.50	.....
5 to 5½ ft.	5.00	47.50	.....
5½ to 6 ft.	6.00	57.50	.....
6 to 6½ ft.	7.00	67.50	.....
6½ to 7 ft.	8.50	80.00	.....
7 to 7½ ft.	10.00	.....	.....
7½ to 8 ft.	12.00	.....	.....
8 to 8½ ft.	15.00	.....	.....
8½ to 9 ft.	17.50	.....	.....
9 to 10 ft.	20.00	.....	.....
Virginiana Keteleeri (Keteleer Red Cedar). Of broad pyramidal form; green foliage.			
4 to 4½ ft.	4.25	40.00	.....
4½ to 5 ft.	4.75	45.00	.....
Virginiana Schotti (Schott Red Cedar). Fresh green foliage that does not change in winter. 2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.25	30.00	.....
3½ to 4 ft.	3.75	35.00	.....
4 to 4½ ft.	4.25	40.00	.....
4½ to 5 ft.	4.75	45.00	.....
5 to 5½ ft.	5.25	50.00	.....
5½ to 6 ft.	6.00	57.50	.....
PICEA Canadensis (White Spruce). Silvery-green foliage. 18 to 24 in.	.90	8.50	.....
2 to 2½ ft.	1.25	10.00	.....
Canadensis Albertiana (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage. 12 to 18 in.	.90	7.50	.....
18 to 24 in.	1.50	12.50	.....
2 to 2½ ft.	2.00	17.50	.....
2½ to 3 ft.	2.25	20.00	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.25	30.00	.....
4 to 4½ ft.	3.75	35.00	.....
4½ to 5 ft.	4.25	40.00	.....
5 ft.	5.00	47.50	.....
5½ ft.	5.50	.....	.....
6 ft.	6.00	.....	.....
6½ ft.	6.50	.....	.....
7 ft.	7.50	.....	.....
Excelsa (Norway Spruce).			
18 to 24 in.	.75	6.50	.....
2 to 2½ ft.	1.00	9.00	$ 85.00
2½ to 3 ft.	1.15	10.00	90.00
3 to 3½ ft.	1.25	11.00	100.00
3½ to 4 ft.	1.50	12.50	.....
4 to 4½ ft.	1.75	15.00	.....
4½ to 5 ft.	2.25	20.00	.....
5 to 5½ ft.	3.00	25.00	.....
6 ft.	4.00	37.50	.....
7 ft.	5.00	.....	.....
8 ft.	6.50	.....	.....
Pungens (Colorado Green Spruce). Bluish green foliage. 12 to 18 in.	.90	7.50	.....
18 to 24 in.	1.00	9.00	75.00
2 to 2½ ft.	1.65	14.00	125.00
2½ to 3 ft.	2.00	17.50	160.00
3 to 3½ ft.	2.50	22.50	200.00
3½ to 4 ft.	3.00	27.50	.....
4 to 4½ ft.	3.65	34.00	.....
4½ to 5 ft.	4.25	40.00	.....
5 to 5½ ft.	5.00	47.50	.....
5½ to 6 ft.	5.50	50.00	.....
6 to 6½ ft.	6.25	60.00	.....
Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 18 to 24 in.	2.25	20.00	.....
2 to 2½ ft.	2.75	25.00	.....
2½ ft.	3.50	32.50	.....
3 ft.	4.50	42.50	.....
3½ ft.	5.50	52.50	.....
4 ft.	7.00	67.50	.....
4½ ft.	8.00	77.50	.....
5 ft.	10.00	.....	.....
5½ ft.	14.00	.....	.....
6 ft.	17.00	.....	.....
Larger Sizes, Prices on Application.			
Pungens Moerheimi (Moerheimi Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 18 in.	3.50	.....	.....
2 ft.	4.50	.....	.....
2½ ft.	6.00	.....	.....
3 ft.	7.50	.....	.....
3½ ft.	10.00	.....	.....
4 ft.	14.00	.....	.....
4½ ft.	17.50	.....	.....
5 ft.	20.00	.....	.....
5½ ft.	22.50	.....	.....
6 ft.	25.00	.....	.....

PINUS Montana Mughus (Mugho Pine). A low-growing, round topped evergreen; fine for rock planting and foundation work. 12 to 15 in.	Each $0.90	10 $ 7.50	100 .....
15 to 18 in.	1.25	11.50	.....
18 to 24 in.	1.75	15.00	.....
2 to 2½ ft.	2.00	17.50	.....
2½ ft.	2.50	22.50	.....
3 ft.	3.25	30.00	.....
3½ ft.	4.00	37.50	.....
4 ft.	4.75	45.00	.....
Montana Mughus Compacta. A compact form of the Mugho Pine. 24 in.	2.50	.....	.....
2½ ft.	3.00	.....	.....
3 ft.	3.50	.....	.....
Nigra (Austrian Pine). A robust, stately tree of rapid growth, and very hardy. 2½ to 3 ft.	1.25	10.00	.....
3 to 3½ ft.	1.50	12.50	.....
3½ to 4 ft.	2.00	17.50	.....
4 to 4½ ft.	2.50	22.50	.....
4½ to 5 ft.	3.00	27.50	.....
5 to 5½ ft.	3.50	32.50	.....
5½ to 6 ft.	4.00	37.50	.....
6 to 7 ft.	5.00	45.00	.....
Sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish green foliage.			
2½ to 3 ft.	1.00	9.00	$ 75.00
3 to 3½ ft.	1.25	10.00	90.00
3½ to 4 ft.	1.50	12.50	115.00
4 to 4½ ft.	1.75	15.00	125.00
4½ to 5 ft.	2.25	20.00	175.00
5 to 6 ft.	3.00	25.00	200.00
6 to 7 ft.	3.50	30.00	.....
7 to 8 ft.	4.00	37.50	.....
TAXUS Cuspidata (Japanese Yew). 15 to 18 in.	1.75	16.00	.....
18 to 24 in.	2.50	22.50	.....
2 ft.	3.25	30.00	.....
2½ ft.	4.25	40.00	.....
4 ft.	10.00	.....	.....
4½ ft.	12.50	120.00	.....
TAXUS Cuspidata Capitata (Upright Japanese Yew). 15 to 18 in.	1.75	16.00	.....
18 to 24 in.	2.50	22.50	.....
2 ft.	3.00	27.50	.....
2½ ft.	3.75	35.00	.....
3½ ft.	8.50	80.00	.....
4 ft.	10.00	95.00	.....
4½ ft.	12.00	.....	.....
5 ft.	13.50	.....	.....
5½ ft.	15.00	.....	.....
6 ft.	16.50	.....	.....
TAXUS Cuspidata Nana (Dwarf Japanese Yew).			
15 to 18 in.	2.75	.....	.....
18 to 24 in.	4.00	.....	.....
2 ft. heavy specimens	7.50	.....	.....
TAXUS Media Hicksi (Hick's Yew). Very compact, narrow upright. 18 to 24 in.	2.75	25.00	.....
2 to 2½ ft.	3.25	30.00	.....
THUJA Occidentalis (American Arborvitae).			
24 to 30 in.	.90	7.50	.....
2½ to 3 ft.	1.15	10.00	.....
3 to 3½ ft.	1.40	12.50	.....
3½ to 4 ft.	1.65	14.00	.....
4 to 4½ ft.	1.90	17.50	.....
4½ to 5 ft.	2.25	20.00	.....
5 to 5½ ft.	2.50	22.50	.....
5½ to 6 ft.	3.00	27.50	.....
6 to 7 ft.	3.50	32.50	300.00
7 to 8 ft.	5.00	45.00	.....
8 to 9 ft.	6.50	60.00	.....
9 to 10 ft.	8.00	.....	.....
Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae). Of compact, tall slender form; foliage dark green with lighter tips. 3 to 3½ ft.	2.25	20.00	.....
3½ to 4 ft.	3.00	27.50	.....
4 to 4½ ft.	4.00	37.50	.....
Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 15 in.	.90	7.50	.....
18 in.	1.00	8.50	.....
24 in.	1.75	15.00	.....
30 in., heavy specimens	3.50	.....	.....
Occ. Hoveyi (Hovey Arborvitae). Of egg-shaped form with golden green foliage. 18 in.	1.00	8.50	.....
21 in.	1.25	11.00	.....
24 in.	1.50	12.50	.....
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage. 18 to 24 in.	1.00	9.00	.....
2 to 2½ ft.	1.35	12.50	.....
2½ to 3 ft.	1.60	13.50	.....
3 to 3½ ft.	1.75	15.00	.....
3½ to 4 ft.	2.00	17.50	.....
4 to 4½ ft.	2.25	20.00	.....
4½ to 5 ft.	2.50	22.50	.....
5 to 5½ ft.	3.00	27.50	250.00
5½ to 6 ft.	3.50	32.50	.....
6 to 6½ ft.	4.50	42.50	.....
7 to 8 ft.	7.00	65.00	.....
Occ. Rosenthali (Rosenthal Arborvitae). Dark green dense foliage; compact grower. 2 ft.	2.25	20.00	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	2.75	25.00	.....
Occ. Wareana (Ware Arborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy.			
2 to 2½ ft.	1.50	12.50	.....
2½ to 3 ft.	2.00	17.50	.....
3 to 3½ ft.	2.50	22.50	.....
3½ to 4 ft.	3.00	27.50	.....
Occ. Woodwardi (Woodward Globe Arborvitae).			
15 in.	1.00	9.00	.....
18 in.	1.25	10.00	.....

All Evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.

Vegetable Plants With a Pedigree

MARION MARKET.

Vaughan's Seeds of Table Quality Varieties are a Sure Selling Specialty

ONE of the most profitable spring crops for the greenhouse or hot-bed plant is seedling vegetable plants for home gardeners. Grow your plants from Vaughan's seeds and advertise the fact. It will bring you discriminating customers and higher prices. On this page we describe some of the varieties which we recommend for vigorous and fast selling plants.

For other varieties, see the vegetable list on the following pages or write for a copy of our retail catalog, which gives a complete list of vegetables with full descriptions. By advertising that your plants are grown from Vaughan's seeds you will attract custom from the thousands who have received this catalog.

Resistant Plants of Cabbage

Marion Market. **75 days.** The third yellows-resistant cabbage to mature. Of an excellent Copenhagen Market type, though later than select Copenhagen, coming a short time before Glory of Enkhousen. Oz., 50c.; ¼ lb., $1.50; lb., $5.00.

CALIFORNIA WONDER.

Standard Bred Cabbages

Reselected Copenhagen Market Extra Early. **Matures in about 62 days.** Earliest of the large heading cabbages, maturing even before the conical types. Market growers have reported their entire crop of this strain harvested before heads from other seed of this variety were ready to cut.

Reselected Tested Stock. Oz., 40c; ¼ lb., $1.25; lb., $4.00.

Golden Acre. **Matures in about 60 days.** This early round headed variety is slightly earlier than our reselected extra early Copenhagen Market and is similar in most other respects, except that its heads are slightly smaller, weighing 4 to 5 lbs. Oz., 30c; ¼ lb., 90c; lb., $3.00.

Glory of Enkhousen. **Matures in about 80 days.** This globe shaped, medium early variety is of excellent flavor and crispness, producing heads weighing eight to ten pounds, and more uniform than the earlier types. Oz., 25c; ¼ lb., 70c; lb., $2.25.

Cauliflower

Vaughan's New Snowball. **Matures in about 55 days.** For early outdoor planting and forcing, as well as for late sowing for the fall crop, this variety is standard. A well grown head measures 9 to 10 inches across with depth in proportion and a perfectly white core. Pkt., 25c; ¼ oz., 70c; ½ oz., $1.25; 1 oz., $2.00.

Egg Plant

Black Beauty. **110 days.** Twelve days earlier than New York. In shape it is broad and thick, perfectly spineless and smooth; beautiful, rich purple color and handsome lustre. Oz., 50c; ¼ lb., $1.50; lb., $5.00.

Peppers

Vaughan's Giant Magnum Dulce. This fine mild pepper can be grown to immense size—seven inches long and 4 inches through—but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the "king flowers," the first ones to open. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00.

California Wonder. A mild, sweet, mid-season variety, very large, measuring 4½ inches in length by 4 inches in diameter. It resembles Chinese Giant in form, but has much thicker flesh. It has a crimson fruit. One of the heaviest peppers grown, not as prolific as some, but much more desirable. ½ oz., 35c; oz., 65c; ¼ lb., $2.00.

Large Bell. Large blocky fruit, usually mild. ½ oz., 25c; oz., 45c; ¼ lb., $1.25.

Tomatoes

For Plants Resistant to Wilt

Early Baltimore. **108 days.** Illinois University selection, thriving on all soils, smaller fruit, brighter color, heavier yielder than Marglobe. Oz., 50c; ¼ lb., $1.50; lb., $5.00.

Standard Bred Tomatoes

Bonny Best. **103 days.** A shade later than John Baer. Smooth, large and uniform fruit; yields well until frost. Oz., 30c; ¼ lb., 90c lb., $3.00.

Crimson Cushion or Beefsteak. **120 days.** Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Plants are very prolific, fine appearance. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50; lb., $4.75.

Ponderosa—The Giant Tomato **Matures in about 118 days.** Of the large fruited varieties, this one is most popular. Oz., 45c; ¼ lb., $1.25; lb., $4.00.

Oxheart. **Matures in about 120 days.** Popular because of its shape, large size, and excellent table qualities. Not a heavy yielder. Skin pink, almost seedless; firm, sweet flesh. Pkt., 10c; oz., 65c; ¼ lb., $2.00; lb., $7.50.

Golden Ponderosa. **118 days.** A yellow gem. This is a yellow Ponderosa equal in size to that magnificent variety. Oz., 60c; ¼ lb., $1.75; lb., $6.00.

Vaughan's Select Earliana. **94 days.** Earliest large, smooth bright red tomato. Compact in growth, with stout jointed branches; the vines yield well and the fruit is solid and of fine quality. Oz., 40c; ¼ lb., 90c; lb., $3.00.

John Baer. **108 days.** Extra early red. Not quite so early as Earliana. John Baer yields a much heavier crop of larger, more uniform and more attractive fruits. Oz., 30c; ¼ lb., 90c; lb., $3 00.

Dwarf Stone. **The Largest Dwarf Tomato. 132 days.** The fruit is red, and specimens weighing ¾ pound are not uncommon. Oz., 45c; ¼ lb., $1.25; lb., $4.00.

Resistant Celery

Michigan Golden. **(College Golden.)** Developed at Michigan State Agricultural College. A new strain of self-blanching celery resistant to root rot or crown rot "Fusarium Yellows", bred from the tall strain of Golden self-blanching. Pkt., 40c; ½ oz., $1.00; oz., $1.75; ¼ lb., $6.00.

For other varieties see complete vegetable list on the following pages.

TOMATO: CRIMSON CUSHION OR BEEFSTEAK.

Vaughan's Vegetable Seed Prices for Florists

VAUGHAN'S VEGETABLE SEEDS

FOR 62 years Vaughan's Seed Store has specialized in quality vegetable seeds for commercial as well as amateur growers. We maintain one of the largest seed testing laboratories in the world and neither buy nor sell any seeds that fail to come up to the highest standards of purity and germination. In addition to this, we place emphasis upon the care, breeding and selection of our seeds in order to insure that they bear crops that are uniform and true to type. All seed except beans and peas will be treated for an extra charge of 10c per pound.

ARTICHOKE

GREEN GLOBE—Pkt., 10c; oz., 40c.

ASPARAGUS SEED

	Oz.	¼ lb.	Lb.
Bonvallet's Giant	$0.10	$0.25	$0.75
Mary Washington	.10	.30	.90

ASPARAGUS ROOTS

	100	1000	5000 per 1000
Mary Washington. 1 Year Old	$2.00	$12.00	$10.00
2 Years Old	2.25	14.00	12.00

BUSH BEANS—Green Pod

	1 to 5 lbs, per lb.	10 lbs.	100 lbs.
Black Valentine Stringless	$0.20	$1.70	$15.00
Early Red Valentine Stringless	.20	1.70	15.00
Longfellow	.20	1.40	12.00
Stringless Green Pod	.20	1.60	14.00
Dwarf Horticultural	.20	1.90	17.00
Improved Navy	.15	.90	7.00
Bountiful Stringless	.20	1.60	14.00
Giant Stringless Green Pod	.20	1.60	14.00
Tendergreen	.20	1.70	15.00
Great Northern	.15	1.00	8.00
Pinto	.15	1.10	9.00
Stringless Refugee	.20	1.70	15.00

WAX BEANS

Davis Stringless Wax	.25	1.90	17.00
Improved Golden Wax	.25	1.90	17.00
Pencil Pod Black Wax	.25	1.70	15.00
Round Pod Kidney Wax	.25	2.00	18.00
Wardwell's Kidney Wax	.25	1.80	16.00
Gold Standard	.25	1.90	17.00
Sure Crop Bountiful Wax	.25	1.60	14.00
Unrivalled Wax	.25	1.80	16.00

BUSH LIMA BEANS

Henderson's Bush Lima	.30	1.80	16.00
Burpee's Bush Lima	.35	1.90	17.00
New Wonder Bush Lima	.35	2.00	18.00
Fordhook Bush Lima	.35	2.00	18.00
Burpee's Improved Bush Lima	.35	2.00	18.00
Jackson Wonder	.30	1.80	16.00

POLE LIMA

Early Leviathan	.30	1.90	17.00
King of the Garden	.30	2.00	18.00
Large White Seeded	.30	2.00	18.00
Florida Butter	.30	1.80	16.00

POLE BEANS—Green Pod

Burger's Stringless	.30	1.90	17.00
Cut Short or Corn Hill	.25	1.70	15.00
Horticultural Cranberry	.25	1.60	14.00
Kentucky Wonder or Old Homestead	.30	1.70	15.00
Lazy Wife	.30	1.80	16.00
McCaslan	.30	1.80	16.00
White Creaseback	.25	1.70	15.00
Scarlet Runner	.35	2.20	20.00

Wax Pod

Early Golden Cluster Wax	.30	1.80	16.00
Kentucky Wonder Wax	.30	1.85	16.50

BEETS

	¼ lb.	Lb.	5 lbs.
Perfected Detroit	$0.35	$1.00	$4.50
Crosby's Egyptian { Vaughan's Selected Stock	.35	1.00	4.50
Crosby's Egyptian { Standard Stock	.30	.85	4.00
Detroit Dark Red	.30	.80	3.75
Good For All	.35	1.00	4.50
Crimson Globe	.30	.80	3.75
Improved Early Egyptian	.30	.80	3.75
Early Wonder	.35	1.00	4.50
Edmand's Turnip, Select Stock	.30	.80	3.75
Early Blood Turnip, Select	.30	.80	3.75
MANGEL—Vaughan's Mammoth Long Red.	.20	.50	2.00
Champion Yellow Globe	.20	.50	2.00
Golden Tankard	.20	.50	2.00
Giant Yellow Intermediate	.20	.50	2.00
Giant Yellow Eckendorf	.20	.50	2.00
Giant Half Sugar Rose	.20	.50	2.00
Barres Sludstrup. Danish Grown	.20	.50	2.00
SUGAR BEETS—Vilmorin's Imperial	.20	.50	2.00
Klein's Wanzleben	.20	.50	2.00

BROCCOLI

	Oz.	¼ lb.	Lb.
White Mammoth	$0.45	$1.25	$4.00
Italian Calabrase	.45	1.25	4.00
Purple Cape	.45	1.25	4.00

BRUSSELS SPROUTS

Improved Dwarf	.25	.65	2.00
Long Island Improved	.25	.65	2.00

CABBAGE

YELLOW RESISTANT CABBAGES

Arranged According to Maturity

Jersey Queen	.50	1.50	4.50
Racine Market (Wisconsin Pride)	.65	2.00	7.00
Wisconsin All Head	.50	1.50	5.00
Marion Market	.50	1.50	5.00
Globe	.65	2.00	7.00
Special Shipper	.60	1.75	6.00
Bugner	.50	1.50	5.00
Wisconsin All Season	.45	1.25	4.00
Wisconsin No. 8	.50	1.50	5.00
Wisconsin Red Resistant	.70	2.25	8.00

STANDARD VARIETIES

Early Jersey Wakefield	.25	.70	2.25
Charleston Wakefield	.25	.70	2.25
Copenhagen Market	.30	.85	2.75
Copenhagen Market Extra Early Selections	.40	1.25	4.00
Golden Acre	.30	.90	3.00
Golden Acre. Danish Grown	.45	1.25	4.00
New York Early Summer	.25	.65	2.00
Early Flat Dutch	.25	.65	2.00
Succession	.25	.65	2.00
Vaughan's All Seasons	.25	.70	2.25
Glory of Enkhousen	.25	.70	2.25
Early All Head or Faultless	.25	.65	2.00
Vaughan's Premium (Late) Flat Dutch	.25	.70	2.25
Chinese or Celery Cabbage Vaughan Strain	.35	1.00	3.25
Chinese or Celery Cabbage Commercial Strain.	.25	.65	2.00
Chinese Cabbage Wong Bok	.25	.70	2.25
Surehead	.25	.65	2.00
Danish Ballhead (Dwarf Amager)	.30	.85	2.75
New Penn State Ballhead	.50	1.50	5.00
Dutch Winter or Hollander	.30	.75	2.50
SAVOY CABBAGE—			
Improved American	.30	.90	3.00
Long Island	.50	1.50	5.00
RED CABBAGE—			
Mammoth Rock Red	.30	.90	3.00
Haco. Earliest of all Reds	.40	1.25	4.00
Red Resistant	.70	2.25	8.00
Giant Winter	.40	1.25	4.00
Long Island Red	.50	1.50	5.00

CARROT

	Oz.	¼ lb.	Lb.	5 lbs.
Danvers Half Long. Vaughan's Selected Stock	$0.20	$0.35	$1.00	$4.75
Chantenay. The best for early bunching	.15	.25	.70	3.25
Greater Chantenay	.20	.35	1.00	4.75
Chantenay. Red Core	.20	.35	1.00	4.75
New Bunching	.20	.35	1.00	4.75
Imperator	.15	.35	1.00	4.75
Special Chantenay	.20	.45	1.25	5.00

	Oz.	¼ lb.	Lb.
Chicago Forcing	$0.20	$0.60	$1.75
Early Short Scarlet (Dutch Horn)	.15	.40	1.25
Guerande or Oxheart	.15	.35	1.00
Nantes Half Long Scarlet, Stump-rooted	.20	.35	1.00
Improved Long Orange	.10	.30	.80
Mastodon or White Intermediate	.10	.30	.90

USEFUL VEGETABLES

Chervil. Double curled	.10	.25	.75
Chicory, Magdeburg. Large Rooted	.20	.50	1.50
Chicory, Witloof or French Endive. Fancy	.25	.65	2.00
Corn Salad. Round leaved, large seeded	.15	.40	1.25
Cress, Curled or Pepper Grass	.10	.25	.70
Cress. Water Cress	.45	1.25	4.00
Cress, Upland	.15	.35	1.00
Collards	.10	.25	.75
Cardoon	.30	.90	3.00
Chives	.45	1.25	4.00

CAULIFLOWER

Vaughan's Extra Select Snowball, pkt., **25c; ¼ oz., 75c; ½ oz., $1.35; oz., $2.50; ¼ lb., $9.00.**

Vaughan's New Snowball

One of our Specialties. We know our strain is the equal of any that can be produced. We have tried nearly every other on the market and we have never yet come across anything superior to **Vaughan's New Snowball.** It is the result of years of careful selection by a most capable and painstaking gardener who grows the seed especially for us on the island of Amagar, near Copenhagen, Denmark, where growing conditions are ideal for the production of perfect seed heads. **Vaughan's New Snowball** is the best general purpose variety for either spring or fall planting. Heads are usually 9 to 10 inches across, perfectly white, solid, deep and compact.
Pkt., **25c; ¼ oz., 70c; ½ oz., $1.25; oz., $2.00; ¼ lb., $7.00.**

Sure Header. Pkt., **25c; ¼ oz., $1.00; ½ oz., $1.75; oz., $3.00.**

Vaughan's Earliest Dwarf Erfurt

Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort.
Pkt., **25c; ¼ oz., 65c; ½ oz., $1.15; oz., $2.00; ¼ lb., $7.00.**

Dry Weather

For dry climate and dry seasons. Very sure heading and second early. Heads larger than Snowball and snow white.
Pkt., **25c; ¼ oz., 70c; ½ oz., $1.25; oz., $2.15; ¼ lb., $7.50.**

Danish Snowball

This is a grand second early. It is the result of long, careful selection, and uniformly produces even, regular heads. Through many seasons it has proven itself reliable. Pkt., **25c; ¼ oz., 65c; oz., $2.00; ¼ lb., $7.00.**

	Oz.	¼ lb.	Lb.
Autumn Giant. Very large and productive	$0.50	$1.50	$ 5.00

CELERY

	½ oz.			
Golden Phenomenal	$0.35	.65	2.00	7.00
Giant Pascal. Easy-blanching and a fine keeper	...	.30	.90	3.00
Soup Celery or Smallage. Green, for soups	...	.20	.50	1.50
Easy Blanching	...	.40	1.25	4.50
Emperor. Splendid Quality, Dwarf	...	.40	1.25	4.50
White Plume. Vaughan's Selected Stock	...	.30	.90	3.00
Golden Self-Blanching. New strain, tall	.35	.60	1.75	6.00
Golden Self-Blanching. Short	.35	.60	1.75	6.00
Golden Plume (Extra Selected)	.70	1.25	4.00	15.00
Golden Plume (Standard)	.35	.65	1.75	6.00
Michigan Golden (Yellows Resistant)	1.00	1.75	6.00	20.00
Winter Queen	...	.25	.75	2.50
Golden Detroit	.35	.65	2.00	7.00
Utah Golden	.35	.60	1.75	6.00

CELERIAC

Large Smooth Prague. Earliest of all	...	.30	.90	3.00

SWEET CORN

	1 to 5 lbs. Per Lb	10 lbs.	100 lbs.
*Golden Cross Bantam	$0.40	$3.00	$28.00
*Purdue Bantam	.40	3.00	28.00
*Bancross (Top Cross Bantam)	.40	3.00	28.00
*Early Bancross	.40	3.00	28.00
*Marcross (Golden 60-Day Cross)	.40	3.00	28.00
*Sweet Cross (Golden Early Sweet Cross)	.40	3.00	28.00
*Whipcross (Whipple's Crossed)	.40	3.00	28.00
Golden Bantam. Vaughan's Extra Quality	.20	1.70	15.00
Early Bantam	.20	1.70	15.00
Vaughan's Mammoth White Cory	.20	1.70	15.00
Vaughan's 60-Day White	.20	1.70	15.00
Vaughan's 60-Day Golden	.20	1.80	16.00
Bantam Evergreen, Vaughan's	.20	1.70	15.00
Howling Mob	.20	1.70	15.00
Early Evergreen. Second early large corn	.20	1.70	15.00
Adams. Extra early, not sweet but early	.20	1.20	10.00
Stowell's Evergreen	.20	1.80	16.00
Country Gentleman	.20	1.80	16.00
Whipple's Early Yellow	.20	1.70	15.00
Early Golden Sweet	.20	1.70	16.00
Barden's Wonder	.20	1.70	15.00
Golden Giant	.20	1.70	15.00

*Hybrid Varieties

FIELD CORN

Wisconsin Certified Hybrid Field Corn. We offer this vigorous, early hybrid corn in five strains, maturing as follows: 100 days, 105 days, 110 days, 115 days and 120 days. Each strain may be ordered in three grades as follows: Large flat kernels, per bushel, **$6.50;** Small flat and round kernels, per bushel, **$5.00;** Large round kernels, per bushel, **$4.00.** Specify grade and maturity date desired.

CUCUMBERS

	Oz.	¼ lb.	Lb
Colorado or "A and C"	$0.25	$0.65	$2.00
Evergreen, or Extra Long White Spine	.20	.45	1.25
Davis Perfect	.20	.45	1.25
Vaughan's Improved Arlington	.20	.45	1.25
Improved White Spine	.20	.40	1.15
Improved Long Green	.20	.50	1.50
Earliest of All White Spine	.20	.40	1.15
Early Cluster	.20	.35	1.00
Japanese Climbing	.20	.45	1.35
Westerfield's Chicago Pickle. One of our specialties	.20	.35	1.00
Snow's Fancy Pickling	.20	.35	1.00
Lemon. (True cucumber)	.25	.60	1.70
Improved Jersey Pickling. A popular pickle	.20	.35	1.00
Boston Picking	.20	.35	1.00
Early Frame	.20	.40	1.15
West India Gherkin	.25	.60	1.75
Early Fortune	.20	.45	1.25
The Vaughan. Finest of all for forcing or outdoors	.25	.65	2.00
Chicago Special	.20	.45	1.25
Quick Grow	.20	.45	1.25
Deltus	.20	.50	1.50
Thorborn Everbearing	.20	.35	1.00
Mandarin	.25	.60	1.75
Black Diamond	.20	.45	1.25
Straight Eight	.20	.50	1.50

DANDELION

Thick Leaved or Cabbaging. Pkg., **15c**	.50	1.50	5.00

DILL

Oz., **15c; ¼ lb., 25c; lb., 60c.**

EGG PLANT

Black Beauty	.50	1.50	5.00
Vaughan's Improved N. Y. Purple	.45	1.35	4.50
Florida High Bush	.50	1.50	5.00

ENDIVE

Green Curled Pancalier, Rose Ribbed	.15	.45	1.25
Green Curled Summer	.15	.45	1.25
Green Curled Winter	.15	.45	1.25
Moss, Very Fine Curled	.15	.45	1.25
Broad-leaved White or Escarolle	.10	.35	1.00
Ever White Curled	.15	.45	1.25
Full Hearted Batavian	.20	.50	1.50

GARLIC

Selected Bavarian, lb., **25c.** Write for prices on larger lots.

HERBS

	Oz.	¼ lb.	Lb.
Anise	$0.15	$0.30	....
Balm	.40	1.25	....
Borage	.20	.45	....
Chamomile	.30	.90	....
Coriander	.20	.45	....
Caraway	.20	.45	....
Catnip	.40	1.25	....
Fennel, Florence	.20	.45	....
Fennel, Sweet	.20	.45	....
Fennel, Wild	.20	.50	....
Horehound	.30	.75	....
Lavender Spica	.30	.90	....
Lavender (True)	.50	1.50	....
Mint (For Juleps)	2.25	....	....
Pennyroyal	.70	2.25	....
Peppermint	2.25	....	....
Pimpernel	.20	.60	....
Rosemary	.50	1.50	....
Rue	.30	.85	....
Saffron	.30	.75	....
Sage	.30	.75	....
Savory, Summer	.25	.65	....
Savory, Winter	.45	1.25	....
Sweet Basil	.30	.90	....
Sweet Marjoram	.30	.90	....
Tarragon	1.25	4.50	....
Thyme	.50	1.50	....
Wormwood	.30	.90	....
Woodruff	.70	2.25	....

KALE OR BORECOLE

Dwarf Green Curled	.15	.30	$0.90
Tall Green Scotch	.15	.30	.90
Siberian	.10	.25	.75
Vaughan's Excelsior Moss Curled. Best of all	.15	.35	1.00
Dwarf Scotch Curled	.15	.35	1.00

KOHLRABI

Short-leaved Early Erfurt	.25	.65	2.00
Early White Vienna	.25	.65	2.00
Early Purple Vienna	.25	.65	2.00
Forcing White Vienna	.30	.75	2.50

LEEK

Broad Scotch or London Flag	.25	.65	2.00
Large Musselburg	.25	.65	2.00
Large Carentan	.25	.65	2.00
Elephant	.30	.75	2.50

LETTUCE

Leaf Varieties

Black-Seeded Simpson, Vaughan's Selected Stock	.15	.45	1.25
Grand Rapids Forcing, Vaughan's Extra Selected Stock	.20	.60	1.75
Early Curled Simpson	.15	.40	1.15

Cabbage and Head Varieties

May King. Very early	.15	.40	1.25
Big Boston, Vaughan's Selected Stock	.20	.50	1.50
California Cream Butter	.15	.45	1.25
Iceberg	.20	.50	1.50
Imp. Hanson. Very large firm heads	.15	.45	1.25
New York No. 12	.25	.65	2.00
New York No. 515 (Heat Resisting)	.25	.65	2.00
Prizehead	.15	.40	1.25
Unrivalled	.25	.60	1.75
Wayahead	.20	.50	1.50
Paris White Cos	.15	.45	1.25
Express Cos	.15	.45	1.25
Trianon Cos	.15	.45	1.25

MUSKMELON

Milwaukee Market Hand Cut, Select Melons	.25	.65	2.00
Vaughan's Improved Milwaukee	.15	.45	1.25
Extra Early Osage. (Vaughan's Selected)	.15	.45	1.25
Osage Vaughan's	.15	.45	1.25
Hearts of Gold or Improved Hoodoo	.15	.45	1.25
Paul Rose	.15	.45	1.25
Rocky Ford	.15	.35	1.00
Emerald Gem. One of the sweetest	.15	.35	1.00

MUSKMELON—Continued

	Oz.	¼ lb.	Lb.
Tip Top. A very fine market melon	$0.15	$0.45	$1.25
Osage Gem	.15	.35	1.00
Extra Early Hackensack. Best strain	.15	.35	1.00
Banana	.15	.45	1.25
Honey Dew	.20	.50	1.50
Mango Melon or Vegetable Orange (Vine Peach)	.20	.60	1.75
Pollock-10-25	.15	.45	1.25
Edwards Perfecto	.15	.45	1.25
Bender's Surprise	.15	.35	1.00
Sweet Air (Early Knight)	.15	.45	1.25
Honey Rock	.15	.35	1.00
Hale's Best	.15	.45	1.25
Wisconsin Pride	.25	.65	2.00

MARTYNIA

—For Pickles	.50	1.50	5.00

The young seed pods make fancy pickles.

WATERMELON

Citron	.15	.30	.85
Florida Favorite	.10	.25	.75
Early Fordhook	.10	.25	.75
Halbert Honey	.15	.30	.85
Rattlesnake	.15	.30	.85
Harris Earliest	.15	.30	.85
Alabama Sweets	.10	.25	.75
Kleckley's Sweet	.15	.30	.90
Sweetheart	.10	.30	.85
Winter	.15	.35	1.00
New Chilian	.15	.35	1.00
Tom Watson	.10	.30	.85
Cole's Early	.10	.30	.85
Irish Gray	.15	.30	.85
Excel	.10	.25	.75
New Wonder	.15	.30	.90
Stone Mountain	.15	.30	.90
Pride of Muscatine (Resistant)	.15	.35	1.00
Dixie Queen	.15	.35	1.00
Stone Mountain (Resistant)	.20	.45	1.25
Red Russian	.20	.45	1.25

MUSTARD

	Oz.	¼ lb.	Lb.	10 lbs. per lb.
White London	$0.10	$0.20	$0.50	$0.45
Giant Southern Curled	.10	.20	.50	.45
Chinese Smooth Leaved	.10	.20	.50	.45
Fordhook Fancy	.10	.20	.50	.45
Florida Broad Leaved	.10	.20	.50	.45
Tendergreen	.10	.20	.50	.45

MUSHROOM SPAWN

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

8. Cream-White, Mammoth Strain.
9. White (Alaska) Mammoth Strain.

(Bricks weigh approximately 1 lb.)

1 Brick	5 Bricks	10 Bricks	100 Bricks
35c	$1.50	$2.50	$18.00

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. 75c per carton. $7.50 per doz. Write for circular.

OKRA

	Oz.	¼ lb.	Lb.
Dwarf Long Pod, White Velvet, Tall or Perkins' Mammoth. Prices of all of the above	$0.10	$0.20	$0.50

ONION

	¼ lb.	Lb.	5 lbs. per lb.
Large Red Wethersfield	$0.60	$1.40	$1.30
Southport Red Globe	.60	1.50	1.40
Southport Yellow Globe, California-grown	.60	1.60	1.50
Southport Yellow Globe, Eastern-grown	.75	2.10	2.00
Ideal Southport White Globe	.75	2.10	2.00
Ailsa Craig	.65	1.85	1.75
Australian Brown Flat	.60	1.40	1.30
Riverside Sweet Spanish	.65	1.75	1.65
Mammoth Silver King	.65	1.75	....

ONION—Continued

	¼ oz.	Lb.	5 lbs., per lb.
Ohio Yellow Globe	$0.60	$1.60	$1.50
Bermuda Yellow	.70	2.10	2.00
Bermuda Crystal White Wax	.75	2.35	2.25
Prizetaker	.60	1.75	1.65
White Barletta	.65	1.75	....
White Pearl	.65	1.75	....
White Portugal	.60	1.40	1.30
Early White Welsh	.65	1.75	....
Yellow Globe Danvers	.60	1.60	1.50
Fancy Yellow Globe Danvers	.65	1.80	1.70
Golden Globe	.85	2.50	2.40
Riverside White Spanish	.85	2.50	2.40
Yellow Strassburg	.60	1.40	1.30
Vaughan's Special Yellow Globe (Early Mountain Danvers)	.60	1.50	1.40
Japanese or Ebenezer	.60	1.40	1.30
White Bunch (Lisbon)	.60	1.70	1.60
He-Shi-Ko (Bunching)	.60	1.60	1.50
Yellow Globe Brigham	.65	1.80	1.70

PARSLEY

	Oz.	¼ lb.	Lb.
Vaughan's Champion Moss Curled	$0.15	$0.30	$0.80
Double Curled	.15	.30	.80
Fern Leaved	.15	.40	1.25
Plain	.10	.25	.75
Hamburg Rooted. Special	.20	.50	1.50
Hamburg (Standard)	.15	.35	1.00
Vaughan's XXX	.15	.40	1.25

PARSNIP

Long Smooth, Hollow Crown	.15	.30	.90
Improved Guernsey	.15	.30	.90
Magnum Bonum	.15	.35	1.00
Vaughan's Intermediate	.15	.35	1.00
White Queen	.15	.30	.90

PEAS

	1 to 5 lbs., per lb.	10 lbs.	100 lbs.
Alaska	$0.25	$1.60	$14.00
Alderman	.25	1.80	16.00
American Wonder	.25	1.70	15.00
Ameer	.25	1.80	16.00
Black-Eyed Marrowfat	.25	1.60	14.00
Dwarf Defiance	.25	1.80	16.00
Dwarf Gray Sugar	.25	1.80	16.00
Dwarf Telephone or Daisy (extra choice)	.25	1.80	16.00
Extra Early Prem. Gem or Little Gem	.25	1.70	15.00
Everbearing	.25	1.80	16.00
First and Best	.25	1.70	15.00
Improved Gradus or World's Record	.25	1.80	16.00
Laxtonian	.25	1.80	16.00
Laxton's Progress	.25	1.80	16.00
Little Marvel	.25	1.80	16.00
Mammoth Podded Sugar	.25	2.00	18.00
Nott's Excelsior. One of the best earlies	.25	1.70	15.00
Improved Strategem	.25	1.80	16.00
Sutton's Excelsior	.25	1.80	16.00
Telephone. Vaughan's Improved	.25	1.80	16.00
Thomas Laxton	.25	1.80	16.00
White Marrowfat. Large	.25	1.60	14.00
Century of Progress	.25	1.80	16.00
Giant Stride (Wilt Resistant)	.25	1.90	17.00

PEPPER

	½ oz.	Oz.	¼ lb.
Vaughan's Magnum Dulce. Largest	$0.35	$0.65	$2.00
Vaughan's Sweet Mountain	.25	.45	1.25
Bullnose (Hot)	.25	.45	1.25
King of the North	.35	.65	2.00
Large Bell (Sweet)	.25	.45	1.25
Cayenne, Long Red	.25	.45	1.25
Chinese Giant	.35	.60	1.75
Crimson Giant	.30	.50	1.50
Red Chili	.30	.50	1.50
Ruby King	.20	.35	1.00
Perfection Pimento	.20	.30	.90
Short Sharp Finger	.35	.65	2.00
Sunnybrook, Tomato Shaped	.20	.35	1.00
Tobasco	.30	.50	1.50
Hungarian	.35	.65	2.00
Harris Giant	.30	.50	1.50
Worldbeater	.25	.40	1.25
California Wonder	.35	.65	2.00
Oshkosh	.40	.75	2.50

PUMPKIN

	Oz.	¼ lb.	Lb.
Winter Queen or Winter Luxury	$0.15	$0.35	$1.00
Vaughan's Mammoth Prize	.15	.40	1.25
Japanese Pie	.15	.35	1.00
Large Cheese	.15	.25	.60
Large Connecticut Field or Big Tom	.15	.25	.60
Large Tours or Mammoth French	.15	.40	1.25
Sweet Potato	.15	.40	1.25
Cushaw, White	.15	.35	1.00
Cushaw, Striped	.15	.35	1.00
Cushaw, Golden	.15	.35	1.00
Vaughan's Small Sugar Pie	.15	.25	.60

RADISH

	¼ lb.	Lb.	100 lbs. Per lb.
Cincinnati Market. Long Scarlet	$0.25	$0.60	$0.50
Crimson Giant Forcing	.30	.80	.70
Earliest White Olive	.35	1.00	.90
Earliest White Turnip (White Box)	.30	.90	....
Improved Early Scarlet Globe, Vaughan's Select Forcing. (Short Top)	.30	.90	.80
Early Scarlet Globe. (Medium Top)	.25	.60	.45
Early Deep Scarlet Turnip	.30	.80	.70
Early Scarlet Globe, White Tip	.30	.90	....
Saxa. Earliest Round Red	.30	.80	.70
Early Long Scarlet Short Top	.25	.75	.65
White Stuttgart	.30	.80	.70
Improved French Breakfast	.25	.60	.50
Vaughan's Giant Butter Radish	.35	1.00	....
Golden Yellow Summer	.35	1.00	....
Half Long Deep Scarlet	.30	.80	....
Brightest Long Scarlet (Cardinal)	.25	.60	.50
White Strassburg	.30	.80	.70
Long White Vienna	.30	.80	....
Vaughan's 20-Day Forcing. Early Olive-shape	.30	.80	....
Scarlet Turnip, White Tip (Sparkler)	.20	.60	.45
Scarlet Turnip, White Tip (American)	.20	.60	.45
White Icicle. The earliest long white	.25	.70	.60

Winter Varieties

Chinese Mammoth or Celestial	.30	.85	.75
California Mammoth White	.30	.85	.75
Half Long Black Winter	.30	.85	.75
Long White Spanish	.30	.85	.75
Long Black Spanish	.30	.85	.75
Rose or Scarlet China Winter	.30	.85	.75
Round Black Spanish	.30	.85	.75
The Munich	.35	1.00	....

RHUBARB

	Oz.	¼ lb.	Lb.
Flare	$0.65	$2.00	$7.00
Vaughan's Mammoth	.20	.60	1.80
Victoria	.20	.60	1.80

ROOTS

	10	100	1000
Victoria, 1 yr. 1 to 1½ in. caliper	$0.75	$3.00	$25.00
2 yr. 1½ to 2 in. caliper	1.00	6.00	45.00
Linnaeus, 2 yr. 1½ to 2 in. caliper	1.00	6.00	45.00
Strawberry, divisions	1.00	6.00	.....
2 yr.	1.50	10.00	.....
McDonald Crimson (New), divisions each 45c.	4.00	.....	.....

HORSERADISH

Per 100, $1.50; per 1,000, $10.00; 5,000, per 1,000, $9.00.

SALSIFY

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island	$0.25	$0.65	$2.00

SORREL

French	.20	.45	1.25

SPINACH

	Lb.	10 lbs. Per lb.	100 lbs Per lb.
Bloomsdale Dark Green	$0.30	$0.23	$0.20
New Long Standing Bloomsdale	.30	.23	.20
Bloomsdale or Norfolk, Savoy-Leaved	.30	.20	.18
Extra Large Round Leaved	.25	.20	.18
Monstrous-Leaved Viroflay	.30	.20	.18
Prickly Seeded	.30	.23	.20
Princess Juliana, Long Standing	.30	.23	.20
Old Dominion	.30	.23	.20
Virginia, Blight Resistant	.30	.23	.20
Tetragonia or New Zealand ..... Oz., 20c.	.50	...	...
Antvorskov (King of Denmark)	.30	.23	.20
Vaughan's Special	.35	.28	.25
Gaudry L. S. or Nobel	.30	.23	.20
Broad-Leaved Flanders	.25	.20	.18
Viking	.30	.24	.22
Summer Savoy	.30	.24	.22
Winter Giant	.35	.28	.25

SWISS CHARD

	Oz.	¼ lb.	Lb.
Cut and Come Again	$0.10	$0.25	$0.75
Lucullus	.10	.30	.80
Dark Smooth. Broad White Rib	.10	.30	.80
Giant Fordhook	.10	.30	.80

SQUASH

Banana	.15	.45	1.25
Blue Hubbard	.15	.45	1.25
Boston Marrow	.10	.25	.75
Chicago Warted Hubbard	.15	.45	1.25
Cocozelle	.15	.45	1.25
Delicious	.20	.50	1.50
Table Queen, "Des Moines," Acorn	.15	.45	1.25
Early White Bush	.15	.35	1.00
Vaughan's Giant Summer Crookneck, Yellow	.15	.35	1.00
Golden Hubbard	.15	.45	1.25
Original Hubbard. Extra Select	.15	.45	1.25
Kitchenette Small Hubbard	.15	.45	1.25
Mammoth White Bush. Extra Select	.15	.35	1.00
Mammoth Yellow Bush	.15	.35	1.00
Mammoth Chili	.15	.45	1.25
Sweet Potato	.20	.50	1.50
Vegetable Marrow	.15	.45	1.25
Yellow Straightneck	.15	.35	1.00
Yellow Summer Crookneck	.15	.35	1.00
Zucca de Pergola. Italian Sort	.25	.65	2.00
Italian Marrow Zucchini. Black	.15	.45	1.25
Italian Marrow Zucchini. Gray	.15	.45	1.25
Benning's	.15	.45	1.25

TOMATO

Avon Early. A first early red	.30	.90	3.00
Beauty. Midseason pink	.45	1.25	4.00
Bonny Best. Second red, called by market gardeners "yellow"	.30	.90	3.00
Chalk's Early Jewel. An early red	.30	.90	3.00
Cooper's Special. Midseason pink	.45	1.25	4.00
Crimson Cushion or Beefsteak. Medium late, red, very large	.50	1.50	4.75
Dwarf Champion. Medium late pink	.50	1.50	5.00
Dwarf Stone. Midseason red	.50	1.50	5.00
Earliana. Earliest red	.45	1.25	4.00
Early Detroit. Early, pink	.45	1.25	4.00
Golden Ponderosa. Late yellow	.60	1.75	6.00
Golden Queen. Midseason yellow	.45	1.25	4.25
Greater Baltimore. Medium early red	.30	.85	2.75
Ground Cherry	.50	1.50	....
Gulf State. Midseason pink	.45	1.25	4.00
Hudson Valley Maid. Midseason potato-leaved red	.45	1.25	4.00
John Baer. A first early red	.45	1.25	4.00
June Pink. Second-early pink	.45	1.25	4.00
Matchless. Midseason red	.45	1.25	4.00
Livingston's Globe. Midseason pink	.45	1.25	4.00
New York or Velvet. Second early red	.45	1.25	4.00
N. Y. State	.75	2.50	8.00
Ponderosa. One of largest midseason pink	.50	1.50	5.00
Oxheart. Pink	.65	2.00	7.50
Red Cherry	.50	1.50	....
Red Currant	.50	1.50	....

TOMATO—Continued

	Oz.	¼ lb.	Lb.
Red Pear	$0.50	$1.50	....
Red Peach	.50	1.50	....
Red Plum	.50	1.50	....
Rutgers. Red	.60	1.75	$6.00
Yellow Pear	.50	1.50	....
Yellow Peach	.50	1.50	....
Yellow Plum	.50	1.50	....
Stone, Improved. Medium early red	.30	.90	3.00
Trucker's Favorite. Pink	.45	1.25	4.00

Resistant Varieties

Break O'Day. Red	.40	1.00	3.50
Early Baltimore. Red	.50	1.50	5.00
Illinois Pride. Red	.45	1.40	4.00
Marglobe. Red	.40	1.00	3.50
Marhio. Pink	.50	1.50	4.75
Marvelossa. Pink	.60	1.75	6.00
Norton. Red	.30	.90	3.00
Prairiana. Red	.45	1.40	4.00
Pritchard. Red	.50	1.50	5.00
Illinois Baltimore	.50	1.50	5.00

Forcing Sorts

	Pkt.	Oz.	Lb.
Best of All, Red	$0.25	$0.75	....
Bonny Best. Red	.25	.75	....
Livingston's Globe. Pink	.25	3.00	....
Grand Rapids. Red	.25	1.50	....
*Marhio. Pink	.25	.75	....
*Marglobe. Red	.25	.75	....
*Michigan State. Red	.25	2.50	....
*Lloyd. Red	.25	1.00	....
*Blair. Pink	.25	1.00	....
*Urbana. Pink	.25	1.00	....
*Sureset. Pink	.25	1.00	....
*Long Calyx. Red	.25	1.00	....

*Resistant.

TURNIP

	Oz.	¼ lb.	Lb.
Early White Milan. Earliest of all	$0.10	$0.25	$0.80
Early Extra Purple Top Milan	.10	.25	.80
Purple Top Strap Leaf	.10	.20	.50
White Egg	.10	.20	.50
Purple Top White Globe	.10	.20	.50
Large Yellow or Amber Globe	.10	.20	.50
Golden Ball or Orange Jelly	.10	.20	.50
Cowhorn or Long White	.10	.20	.50
Early Snowball	.10	.20	.50
Seven Top	.10	.20	.50
Shogoin or Foliage Turnip	.10	.20	.50

RUTABAGA OR SWEDE

Vaughan's American Purple Top Improved	.10	.25	.60
Bangholm Danish	.10	.25	.60
White Swede	.10	.25	.60
Canadian	.15	.35	1.00
Neckless	.15	.35	1.00

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ANSBACHER OXO BORDEAUX (patented). Excels Bordeaux Mixture or other copper sprays for safe, dependable control of fungus diseases. The only Colloidal Copper fungicide. 1 lb. carton, 30c; doz., $2.64; 4 lb. bags, each, 65c; 48 lbs., $6.75.

PARIS GREEN. Oldest and best brand. For chewing insects on potatoes and certain other hardy plants. Kills quickest. ¼ lb. carton, 20c; doz., $1.80; 1 lb., 40c; 5 lbs., $1.75; 14 lbs., $4.60.

ANSUL FORMALDEHYDE DUST. Control "damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., $2.00; 25 lbs., $5.50; 50 lbs., $9.00.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Ea., 15c; doz., $1.20.

ANTROL ANT TRAPS. Kill both sweet and grease eating ants. Packed 12 in a display carton, retail at 15c each; carton of 12 traps, $1.20.

APHINE. ½ pt., 40c; pt., 75c; 1 qt., $1.10; 1 gal., $3.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. 1 lb. carton, 30c; doz., $2.82; case of 24, $5.40; 4 lb. bag, 75c; 48 lbs., $7.20; 100 lbs., $13.50.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 50c; doz., $4.20; 10 lbs., $2.85; 25 lbs., $6.38; 50 lbs., $11.50; 100 lbs., $21.50.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Lb., 30c; doz., $2.60; 4 lbs., 70c; case of 24 lbs., $3.50.

CALCIUM, ARSENATE. (Dry.) Lb., 30c; 4 lbs., 80c.

CALO-GREEN. For control of neck rot or scab on gladiolus. Per lb., $2.25; 5 lbs., $10.50. Write for price on larger quantities.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ lb., 25c; doz., $2.25.

CUPROCIDE RED COPPER OXIDE. Use for dusting seeds to insure germination and prevent see decay and damping off. May be used as a spray for mildew. 1 lb., 90c; 5 lbs., $3.75; 20 lbs., $14.00; 50 lbs., $30.00.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. (By express only.) ½ lb., doz., $3.60; 1 lb., doz., $6.00; 5 lbs., each, $3.00; 4-oz. tins for ants, doz., $2.40.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. (By express only.) 5 lbs., $3.00; 25 lbs., $10.00; 100 lbs., $25.00. Write for leaflet.

DENDROL. Dormant tree and shrubbery spray. Price, per gal., $1.25; 5 gals., $3.45; 15 gals., $8.80; 55 gals., $33.00.

DERRISOL. Is an odorless, non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; doz., $2.70; 8 oz., $1.20; 2 lbs., $3.00; 10 lbs., $12.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., $4.80; gross, $46.08.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; doz., $3.00; 5 lbs., $1.50; 25 lbs., $4.50; 100 lbs., $11.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., $2.50; 5 lbs., 95c; 10, $1.85.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., $1.00; 50 lbs., $2.25; 100 lbs., $3.65.

FUME TOBAC. 25 lb. drum, $5.00; 50 lb. drum, $8.00; 100 lb. drum, $15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 60c; 1 qt., $1.00; gal., $3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., $1.25; 10 lbs., $2.25; 25 lbs., $4.50.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.25; 10 lbs., $4.00.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 30c; pt., 50c; qt., 75c; ½ gal., $1.50; gal., $2.50; 5 gals., $10.00.

LETHANE-440. A very effective insecticide for controlling red spider and mealy bug. Qt., $3.00; gal., $8.50; 5 gals., $35.00; 10 gals., $60.

LETHANE SPREADER. Gal., $1.50; 5 gal. can, $6.50.

LIME SULPHUR. (Solution.) The best remedy for San Jose scale. One gallon makes twelve. Per qt. can, 45c; 1 gal., $1.00; 5-gal. can, $4.00. Write for prices in barrel lots.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pint, $2.00; gal., $10.50; 5 gals, $45.00.

RIDGID DUST (formerly **Lutzite**). The one dust that does triple duty. 1 lb. tins, each, 50c; doz., $4.20; 10 lb. tin, $3.25; 25 lb. drum, $7.00; 50 lb. drum, $12.50; 100 lb. drum, $24.00.

NAPTHOLINE FLAKES. 10 lbs., $1.35; 25 lbs., $3.25.

NAPTOCIDE. New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., $1.35; 10 lbs., $2.25; 25 lbs., $4.35; 100 lbs., $13.75.

"NICO-FUME." A Tobacco Paper for Fumigating. Strips of paper strongly saturated with nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, $1.25; 144 sheets, $4.50; 288 sheets, $8.00.

NICO-FUME LIQUID. For fumigating or spraying; contains 40% nicotine. 1 lb., $2.25; 4 lbs., $5.75; 8 lbs., $10.00.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5-lb. tin, $3.35; 10-lb. tin, $5.85.

NICO-FUME PRESSURE FUMIGATOR. Put up in ½-lb. and 1-lb. cans, powder is now burned under pressure giving better control of insects. The cans have a sparkler for lighting the powder. ½ lb. cans, 45c; six for $2.40; doz., $4.20; 1 lb. cans, 75c; six for $3.75; doz., $7.00. Orders for 36 1-lb. cans or 60 ½-lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-ROTE. A combination of nicotine and rotenone. Kills by contact and fumes. Qt., $4.00; gal., $12.00.

NICOTINE. Fumigating powder. 10 lb. cans, $5.85.

NIKOTEEN. 30% grade. For spraying and fumigating. Oz. bottle, 35c; doz., $2.50; ½ pt., $1.00; pt., $1.75; 3 pts., $5.00; original case 10 pts., $16.00. 40% grade, 4 lbs., $5.75; 8 lbs., $10.00.

NU-GREEN. A remedy for brown patch control in creeping bent lawns. 3 oz. tins each, 35c; doz., $3.00; carton of 36 tins, $8.40; 1 lb. tins, each $1.45; doz., $11.50; 5 lbs. each, $6.30; case of 6 tins, $28.20. Write for price on larger containers.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., $1.75; 5 gals., $6.75.

PINE TAR. For tree surgery. Per qt., 60c; gal., $1.25.

PYROTE. Double acting non-poisonous insect spray. 1 oz. bottles, 12 to a display carton price, $2.75; 6 oz. bottles, 12 to a display carton price, $8.00; gal., $11.00.

POMO GREEN. Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., $4.00; 5 lbs., $1.75; 25 lbs., $8.00.

POMO GREEN. With nicotine. 1 lb., 75c; doz., $6.00; 5 lbs., $3.00.

PYRETHRUM POWDER. Per 1 lb., 75c; 5 lbs., $3.00; 10 lbs., $5.00; 25 lbs., $12.00. Write for price on larger quantities.

RESPIRATORS. For mild fumigating and dusting. Each, $1.75; 3 for $4.95.

INSECTICIDES AND FUNGICIDES—Continued

ROTOGREEN

1 pint	$1.75	1 gallon	$10.00
1 quart	3.00	5 gallons	40.00

Very effective for Thrip, Red Spider and Mealy Bug in addition to the more easily controlled pests. Does not burn and leaves no poisonous residue.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 65c; gal., $1.55; 5 gals., $5.50; 10 gals., $9.50. Write for price in barrel lots.

SELOCIDE. Kills red spiders. Price, gal., $3.00; 5 gals., $13.50; 10 gals., $24.50; 30 gals., $58.50; 50 gals., $86.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 35c; doz., $3.00; 1 lb., $2.25; 5 lbs., $9.90; 25 lbs., $45.50; 100 lbs., $180.00. Write for leaflets stating for what purpose desired.
Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1½ lb., 35c; doz., $2.80; 4 lbs., 85c; doz., $6.80; 15 lbs., $3.00; doz., $24.00; 50 lbs., $5.33.

GRASSELI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Price, pt., 75c; gal., $4.75.

SPRAYLITE. Qt., $1.75; gal., $6.00.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 35c; 10 lbs., 65c; 25 lbs., $1.00; 100 lbs., $2.75.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 65c; qt., $1.25; gal., $4.80.

TOBACCO DUST (Regular Grade). 10 lbs., 50c; 25 lbs., 90c; 100 lbs., $2.95.

TOBACCO STEMS. 100 lbs., $2.50; 500 lbs., $9.50; 1000 lbs., $18.00.

TRI-OGEN. Fungicide insecticide and plant stumulant. A, small kit, makes 16 qts., $1.50. B, medium kit, makes 64 qts., $4.00. C, large kit, makes 32 gallons, $6.00. D, estate kit, makes 128 gallons, $20.00.

VERMINE. For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. ½ pt., 40c; pt., 75c; qt., $1.10; gal., $3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Qt., 75c; gal., $2.00; 5 gals., $6.25; 14 gal. drum, $14.00; 28 gal. drum, $25.00; 54 gal. drum, $45.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Price, qt., $1.00; gal., $3.00; 5 gals. for $12.00.

WONDER-GROWTH Insecticide, Fumigant and Fertilizer. A finely ground ALL Tobacco Insecticide, Fumigant and Fertilizer. Very effective in all three of its uses. A very excellent plant food for flowers, lawns, gardens and shrubbery. 25 lbs., $1.50; 100 lbs., $4.25.

Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ACME ALL-ROUND SPRAY. A combination insecticide and fungicide to control sucking and chewing insects. Will combat blight and fungus diseases. ¼ lb. cans, doz., $3.00; 1 lb. cans, doz., $6.60.

ANTROL READY FILLED SETS. Consisting of four patented glass feeders. Per doz. sets, $3.20. Retails at 40c set. Packed in a strong display carton.

ANTROL SETS for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4-oz. bottle antrol syrup. Per doz. sets, $6.00. Retails at 75c set.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, $2.70. Retails at 35c per tube.

BLACK LEAF 40. Oz. bottles, doz., $2.67; carton of 24, $5.30; 5-oz bottles, doz., $8.00; 1 lb., $2.00 ea.; 2 lbs., $3.00 ea.; 5 lbs., $5.75 ea.; 10 lbs., $9.75 ea.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, $2.67. Retails for $4.20.

MULTICIDE. Replaces New Evergreen. Killing power multiplied kills more insects, made especially for commercial growers, makes one spraying do the work of several. Qt., $2.50; gal., $9.50; 5gal., $42.50; 10 gals., $82.00; 30-gal. drums at $7.15 per gal.; 53-gal. drums at $6.85 per gal.

NEW EVERGREEN. A non-poisonous contact insecticide. Oz. bottle, 35c; per doz., $2.70; per carton of 24 bottles, $5.40; 6 oz. bottle, 85c; doz., $8.00; gal., $9.50.

NICOTINE PYROX. 10-oz. tins, doz., $4.20; carton of 24, $7.84; 5 lbs., $1.50; case of 12, $14.00; 10 lb. case of 6, $12.00.

PYROX. Combination insecticide and fungicide. 25 lbs., $4.50; 100 lbs., $12.50.

RATKISSES. Put up on easel card holding 12—25c pkgs., containing 12 ratkisses each. Price, per card, $2.00; six or more cards at $1.80 per card.

RED ARROW Assortment for re-sale. Per carton of 24 oz. bottles and 2 ¼-pint bottles. Price, $5.40. Retails for $10.40. Pint, $2.00; qt., $3.20; gal., $9.70; case of 6 1 gal. cans at $8.75 gal.

ROTECIDE. Standard rotenone spray. Oz. bottles, doz., $2.50. Per pint, $1.75; qt., $3.00; gal., $8.00; 5 gals., $35.00; 15 gals., $95.00.

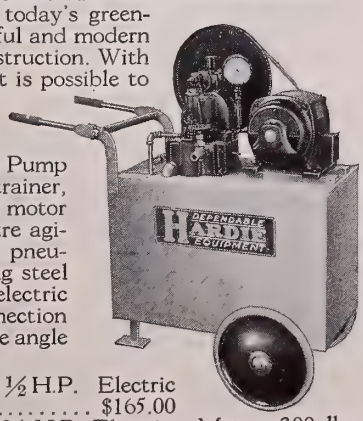
ROTENONE DUST ¾%. For control of Mexican bean beetle use this dust at rate of 15 to 25 lbs. per acre depending on the density of the foliage for spraying. 1 lb. to 10 gals. of water. Price, 24 1-lb. bags, 17½c lb.; 6 5-lb. bags, 16c lb.; 25-lb. bags at 15c lb.; 50-lb. bags at 14½c lb.; 100-lb. bags, 13½c lb.; canister, 32c lb.

SLUG SHOT, Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for $1.80; 5-lb. pkgs., 12 for $7.20; 125 lb. keg, $12.50; 250 lbs. in bulk, $24.00.

TREE TANGLEFOOT. 6 oz. case of 24 cans, $5.60; 1-lb. cans, per doz., $5.80; per case of 24, $11.20; 5-lb. can, $2.45; case of 6, $13.20; 10 lbs., $4.50 each; case of 4 cans, $16.80; 25 lbs., $9.50 each.

Sprayers, Blowers and Dusters

HARDIE GREENHOUSE SPECIAL POWER SPRAYER



The most advanced sprayer in today's greenhouse market. Compact, powerful and modern in every detail of design and construction. With the Hardie greenhouse sprayer it is possible to cut spraying time in half and do a much better job than with hand operated outfits.

Outfit includes No. 3X Estate Pump with suction and removable strainer, either ¾ H.P. or ½ H.P. electric motor (see below), V-belt drive, pressure agitator, 25-gallon steel tank, 12" pneumatic rubber tired roller bearing steel wheels, 50-ft. weather-proof electric cable. Switch and plug-in connection not furnished. Hardie greenhouse angle gun. Each, $5.00; hose extra.

Price Outfit No. 99G100 with ½ H.P. Electric Motor, 200 lbs. Pressure..... $165.00

Price Outfit No. 99G101 with ¾ H.P. Electric Motor, 300 lbs. Pressure..... $169.00

Price Outfit No. 99G102 with 1 H.P. Briggs and Stratton Gasoline Motor, 300 lbs. Pressure..... $190.00

Equipped with 2¼ X 10 inch jumbo rubber tires and roller bearings, extra..... $11.00

The Kinney. Used for spraying liquid manures. Worked by Water pressure. Nickled iron. Construction simple. Ea., $2.75.

Perfection Sprayer. Funnel top tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water, Paints, Insecticides.

PERFECTION SPRAYER

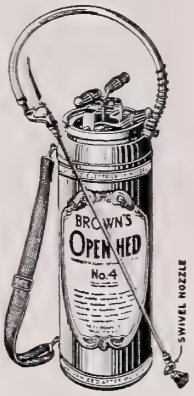
Galvanized steel, $6.50; solid brass, $9.35.

Modoc Bucket Pump. Excellent for use in gardens, greenhouses and orchards, also for whitewashing and spraying poultry houses. Price, without pail, $3.75.

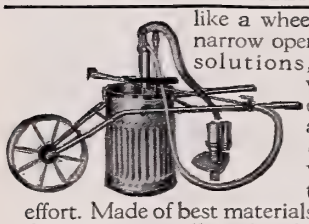
Sprayers and Dusters

SMITH'S LIGHTNING SPRAYER. A durable low priced sprayer, has a funnel top, made of heavy steel or solid brass, tank as illustrated. 3½ gallon capacity. Price, Galvanized, $4.25; Brass, $7.25.

BROWN'S NEW OPEN-HED. Tank heavy steel or brass copper alloy, 4-gal. capacity guaranteed for 100 lbs. pressure. Electrically welded seams double acting pump lock, tank opening is five inches in diameter; has a rubber double grip pump handle and swivel nozzle which can be adjusted to any angle, price complete as illustrated. Galvanized tank, $6.25; Copper, $8.95.



WHEELBARROW SPRAYER. Goes anywhere like a wheel barrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, $19.75. Shipping weight, 80 lbs.

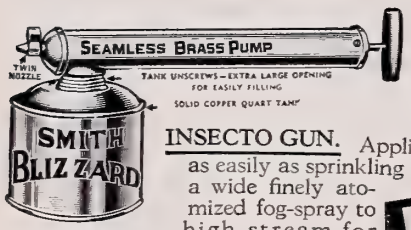


Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, $29.75.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price complete, $12.50.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheel barrow type truck. Complete with hose, rod and nozzles. Price, $17.95. Write us for price on Paragon Power Sprayer.

BLIZZARD COPPER CONTINUOUS SPRAYER.



Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, $1.85; six for $8.00.

INSECTO GUN. Applies fertilizer and insecticides as easily as sprinkling the lawn. Adjustable from a wide finely atomized fog-spray to high stream for reaching top of trees. Each, $3.25.

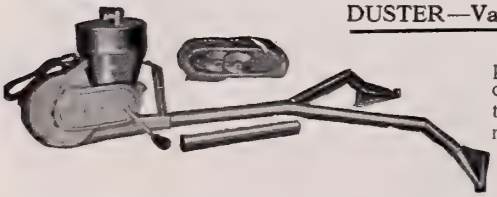
POWDER GUNS. The best dry powder guns for blowing powder on plants and insects. **Cyclone.** Each, 20c; doz., $1.80. **Jumbo.** Each, 45c; doz., $4.00.

SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

We Are General Western Agents.

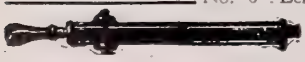
None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6-in. high, each, $1.25; 3 for $3.45; doz., $12.00.

DUSTER—Vaughan's No. 100.



A very handy dry powder gun; can dust two rows at a time. Preferred by market gardeners everywhere. Each, $8.95. Write for illustrated booklet.

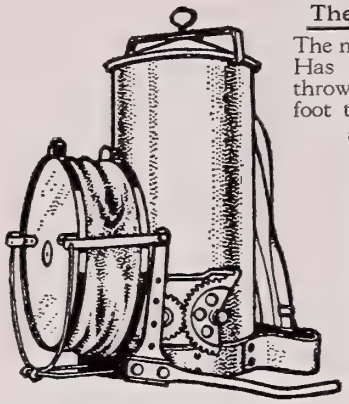
SYRINGES, BRASS. No. "0". Length 12½ in; diameter 15/16-inch. Ea., $2.50.



No. 11. Length 18 inches, 1 stream, 2 sprays, $6.00.

No. 5. Best for general green house use, $7.00.

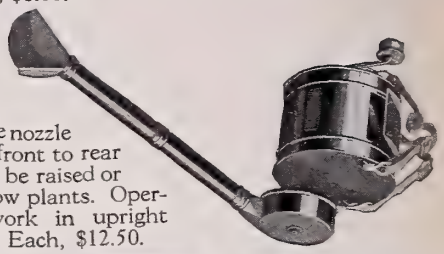
SPRAYERS AND DUSTERS—Continued

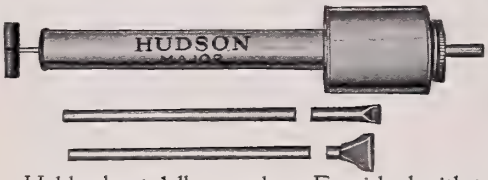


The American Beauty Duster. The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, $20.00. Write for leaflet on the American Beauty Dust Sprayer.

Standard Spray Pump. This pump is bucket, barrel or knapsack pump, as desired. Price, $4.00. With knapsack and curved extension, $8.00.

CHALLENGE DUST GUN. For Dusting Lutzite, Devil Dust, etc. Adjustable to all conditions. Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Each, $12.50.





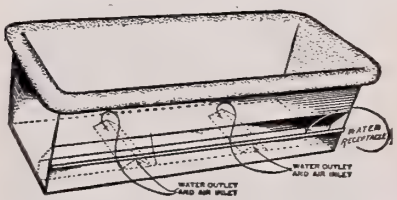
HUDSON MAJOR DUSTER. Handles Paris Green and other similar poisons very efficiently. Holds about 1 lb. powder. Furnished with two tips, one straight for ordinary purposes, the other a broad angle tip for undersides of leaves, plants, etc. Weight per doz., 20 lbs. Each, $1.00; doz., $9.00.

FEENEY MODEL B DUSTER. Each, 75c; doz., $7.50.

Window Boxes, Baskets

THE LITTLE WONDER NO-DRIP HANGING BASKET. A self-watering basket which gives the plants plenty of air and perfect drainage, thus promoting the greatest possible growth. The patented irrigator and no-drip feature of this basket make it an ideal basket for either porch or inside use.

	Each	Doz.		Each	Doz.
5 inch..	$0.85	$ 9.00	9 inch..	$1.60	$16.20
6 inch..	.95	9.50	10 inch..	2.25	24.00
7 inch..	1.10	11.40			



Success Self-Watering Flower Boxes

SUCCESS SELF-WATERING FLOWER BOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. Outside dimensions of Window Boxes, Model A:

Length	Width	Depth	Price
24 inch	8½ inch	6¼ inch	$1.25
30 inch	8½ inch	6¼ inch	1.50
36 inch	8½ inch	6¼ inch	2.15
42 inch	8½ inch	6¼ inch	2.65

Packed six in a crate. 10% discount on crate lots.

Florists' Wire Designs

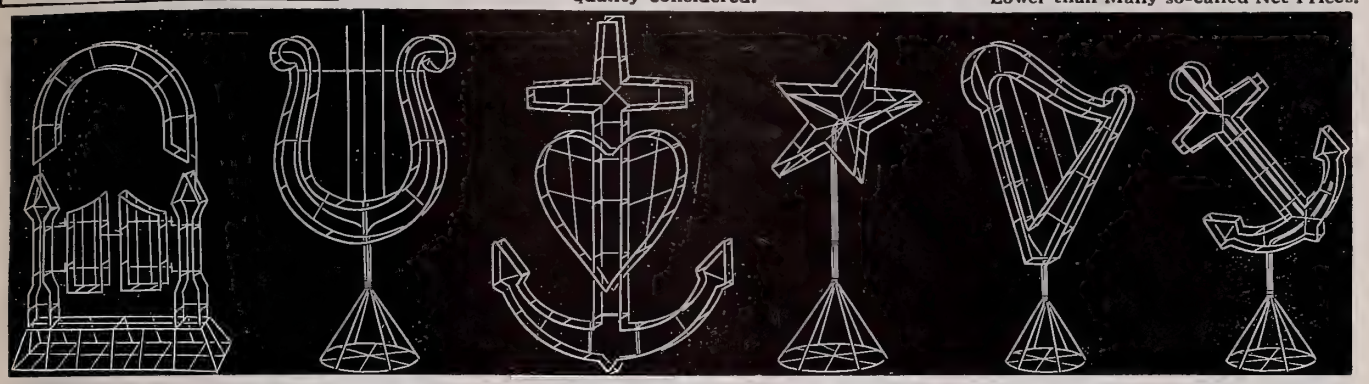
F. O. B. NEW YORK
New York Terms Net
No Packing Charges

Many other and odd designs can be made and supplied on short notice, but they are made entirely at the risk of the buyer as to correctness; we accept orders on no other basis. Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.

F. O. B. CHICAGO
DISCOUNTS:

5%	on orders of	$10.00 or over
10%	on orders of	20.00 or over
15%	on orders of	40.00 or over
20%	on orders of	75.00 or over

Compare These Prices. They are Much Lower than Many so-called Net Prices.



GATES AJAR — LYRE ON BASE — FAITH, HOPE AND CHARITY — STAR ON BASE — HARP ON BASE — ANCHOR ON BASE

ANCHORS—Flat

Inch	Price	Inch	Price
10	$0 20	20	$0 50
12	25	22	55
14	30	24	60
16	35	27	70
18	45	30	90
		36	1 05

Anchor on Base

12	45	22	95
14	55	24	1 10
16	65	27	1 25
18	75	30	1 50
20	85	36	2 00

Anchor on Reclining Stand

12	35	20	70
14	40	24	85
16	50	30	1 25
18	60	36	1 50

Anchor and Cross on Base

12	45	20	75
14	50	24	85
16	55	27	1 15
18	65	30	1 35
		36	1 75

ANCHOR and CROSS

10	20	20	45
12	25	22	50
14	30	24	60
16	35	27	70
18	40	30	90
		36	1 25

BASES

5	18	9	40
6	20	10	50
7	25	11	75
8	35	12	1 00

ANCHOR ON EASEL

12	45	24	1 00
14	50	27	1 25
16	55	30	1 50
18	65	36	1 75

HANGING BASKETS Plain Top

8...doz.	2 10	16...doz.	4 50
10	2 25	18	6 00
12	2 75	20	7 00
14	3 25	22	9 00
		24	10 00

Hanging Baskets, Fancy Top

8...doz.	2 75	16...doz.	5 75
10	3 25	18	7 50
12	3 50	20	8 50
14	4 50	22	10 00
		24	12 00

BELLS—Single Frame

8	each 25	15	each 60
10	30	18	80
12	40	21	1 15

Bells. Double Frame

10	60	15	1 00
12	75	18	1 35
		21	1 75

BROKEN WHEEL On Reclining Stand

15	65	27	1 50
18	75	30	1 90
21	1 00	33	2 50
24	1 25	36	3 00

Broken Wheel on Easel

15	85	27	2 25
18	1 10	30	2 50
21	1 40	33	3 25
24	1 75	36	3 75

Broken Wheel on Base

15	80	27	2 35
18	1 20	30	2 75
21	1 50	33	3 50
24	1 85	36	4 50

Broken Wreath with Sickle on Round Base

12	60	21	1 35
14	75	24	1 50
16	1 00	27	2 00
18	1 25	30	2 50
		36	4 75

CASKET CROSS

Inch	Price	Inch	Price
12	$0 24	24	$0 60
15	30	27	80
18	35	30	85
21	45	33	1 00
		36	1 25

Casket Cross on Reclining Stand

18	50	24	75
21	60	27	90
		30	1 25

Casket Cross on Round Base

12	50	25	1 05
15	60	27	1 30
18	70	30	1 50
21	85	33	1 75
		36	2 25

CRESCENT

10	15	16	28
12	18	18	35
14	23	21	50
		24	70

Crescent on Base

10	35	16	70
12	45	18	85
14	55	21	1 00
		24	1 25

CRESCENT WREATHS

10	15	21	50
12	18	24	60
14	25	27	85
16	30	30	1 15
18	35	36	1 40

Crescent Wreath on Round Base

10	50	21	1 15
12	60	24	1 50
14	70	27	2 00
16	80	30	2 30
18	90	33	3 50
		36	4 00

Crescent Wreath on Reclining Stand

10	25	21	70
12	30	24	90
14	35	27	1 50
16	40	30	2 10
18	55	33	2 55
		36	3 00

CROSSES—FLAT

		27	30
10	06	30	45
12	08	33	50
14	09	36	75
16	12	42	1 25
18	15	45	1 50
20	18	48	1 75
22	21	54	2 00
24	25	60	2 50

Crosses on Round Base

10	20	27	85
12	25	30	1 00
14	30	33	1 25
16	35	36	1 50
18	40	42	2 00
22	55	48	3 00
24	65	54	4 00
		60	5 00

Crosses on Reclining Stand

10	20	22	70
12	25	24	80
14	35	27	90
16	50	30	1 00
18	60	33	1 25
		36	1 50

CROSS AND CROWN
Measure of Crown

12	75	18	1 00
15	85	21	1 50

MALTESE CROSSES

10	20	18	40
12	25	20	50
14	30	22	60
16	35	24	85
		28	1 25

Maltese Cross on Round Base

Inch	Price	Inch	Price
10	$0 45	18	$1 05
12	55	20	1 10
14	65	22	1 40
16	75	24	1 70

SLANTING CROSS

12	18	24	55
14	20	27	65
16	25	30	80
18	30	33	1 00
20	35	36	1 25
22	40		

Slanting Cross on Round Base

12	40	24	90
14	45	27	1 00
16	50	30	1 25
18	60	33	1 50
20	70	36	2 00
22	80		

CROWNS FLAT—Plain

8	45	12	65
10	55	15	85
		18	1 25

Crowns Flat. On Base

8	75	12	1 00
10	85	15	1 25
		18	1 50

Crowns Round. Plain

7	60	11	85
9	75	13	1 00
		15	1 25

Crowns Round. On Base

7	75	11	1 00
9	85	13	1 25
		15	1 50

COLUMBIAN KNIGHTS. Flat

15	1 00	21	1 50
18	1 25	24	1 75

Columbian Knights. On Easel

15	1 50	21	2 25
18	1 75	24	3 00

EASELS
Back Legs Fold Flat

Per Inch	100 Each	Per Inch	100 Each
15	$5 00	08	36 $15 00
18	6 00	09	20
21	7 00	10	42 25
24	8 00	12	48 40
27	10 00	15	54 60
30	12 50	18	60 75

GATES AJAR. Single Arch

15 Base	85	18 Base	1 25
18 "	1 00	24 "	1 50

Gates Ajar. Double Arch

15 Base	1 25	27 Base	2 40
18 "	1 40	30 "	3 00
21 "	1 65	33 "	4 00
24 "	1 90	36 "	5 00

HARPS—Flat

12	30	24	70
15	35	27	80
18	45	30	1 00
21	60	36	1 35

Harps on Round Base

12	50	24	1 25
15	60	27	1 50
18	80	30	1 75
21	90	36	2 00

Harps on Reclining Base

12	45	24	90
15	50	27	1 00
18	60	30	1 25
21	80	36	1 75

HEARTS—Solid

8	12	18	35
10	15	20	45
12	18	22	55
14	20	24	70
16	25	27	1 00
		30	1 35

Hearts on Base

8	35	16	70
10	45	18	85
12	50	20	1 00
14	60	22	1 25
		24	1 50

Hearts on Reclining Stand

Inch	Price	Inch	Price
10	$0 30	18	$0 75
12	40	20	1 00
14	45	22	1 35
16	55	24	1 65

Hearts. Double—on Base

12	1 25	21	2 00
15	1 35	24	2 50
18	1 50	30	3 25

OPEN HEARTS

10	25	18	60
12	35	21	75
14	40	24	95
16	50	27	1 20
		30	1 80

Open Heart on Round Base

10	50	18	1 10
12	60	21	1 40
14	70	24	1 75
16	85	27	2 15

Open Heart On Reclining Stand

10	35	18	90
12	45	21	1 15
14	55	24	1 50
16	65	27	2 00
		30	2 50

Open Heart. Double

12 Plain	40	12 Base	90
15 "	50	15 "	1 15
18 "	65	18 "	1 40
21 "	80	21 "	1 60
24 "	1 00	24 "	2 00
30 "	1 50	30 "	2 75

Open Heart Broken with Sickle on Base

14	85	18	1 25
16	1 00	22	1 50
		24	2 00

HORSESHOES

12	20	24	80
14	25	30	1 25
16	30	36	1 75
18	40	48	3 50
21	50		

Horseshoe on Iron Easel

18	70	33	2 25
21	85	36	2 50
24	1 35	42	3 75
27	1 70	48	5 00
30	2 00		

KNIGHTS OF PYTHIAS DESIGN
New Style Wreath on Easel

21	2 00	24	2 50

KNIGHTS TEMPLAR On Easel

18	1 50	30	3 50
24	2 25		

MASONIC DESIGNS
Square and Compass Flat

12	35	24	1 35
14	40	27	1 50
16	50	30	1 75
18	65	33	2 10
21	1 00	36	2 35

On Reclining Stand

14	60	27	1 75
16	75	30	2 00
18	1 00	33	2 50
21	1 25	36	2 85
24	1 50		

Masonic Square and Compass On Easel

14	65	27	1 85
16	75	30	2 15
18	1 00	33	2 50
21	1 35	36	3 00
24	1 60		

Masonic Square and Compass On Base

Inch	Price	Inch	Price
12	$0 60	24	$1 75
14	70	27	2 25
16	90	30	2 75
18	1 25	33	3 50
21	1 50	36	4 00

ODDFELLOWS' DESIGN

Flat		On Base	
18	60	18	1 00
21	70	21	1 10
24	80	24	1 25

PILLOWS

12	20	24	60
14	25	27	80
16	35	30	1 25
18	40	36	1 75
21	45	48	3 50

STARS—Flat

6	10	18	35
8	12	21	45
10	15	24	60
12	20	27	1 00
14	25	30	1 25
16	30		

Star on Reclining Stand

10	30	21	90
12	35	24	1 25
14	40	27	1 75
16	45	30	2 10
18	70	33	2 70
		36	3 15

Stars on Round Base

10	40	21	90
12	45	24	1 25
14	50	27	1 75
16	60	30	2 10
18	75	33	2 70
		36	3 15

TRIANGLES. Flat

10	18	18	35
12	20	21	50
14	25	24	65
16	30	27	95

On Reclining Stand

10	30	16	50
12	35	18	65
14	45	21	80
		24	1 00

WOODMAN DESIGN

18	1 50	30	2 50
24	1 75	36	3 50

Woodman Design on Easel

18	1 25	24	1 50
		30	2 00

WREATHS—Flat

10	06	20	14
12	07	22	15
14	08	24	20
16	10	27	24
18	12	30	30

On Reclining Stand

10	20	20	55
12	25	24	65
14	30	27	75
16	35	30	1 00
18	45	33	1 75
		36	2 00

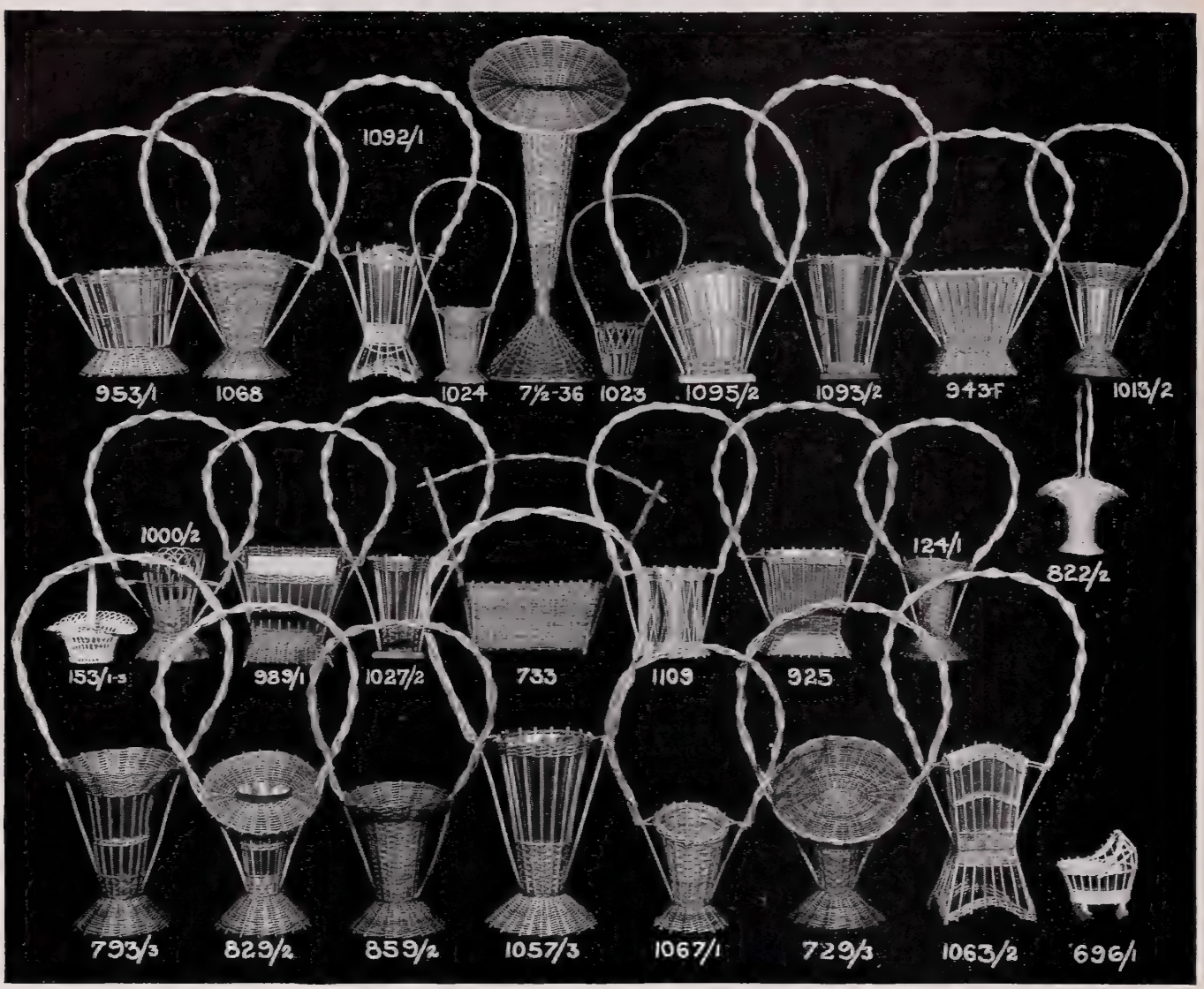
On Round Base

10	35	22	1 25
12	40	24	1 50
14	50	27	1 75
16	60	30	2 25
18	80	33	3 35
20	1 10	36	4 50

Broken, with Sickle on Round Base

12	60	21	1 35
14	75	24	1 50
16	1 00	27	2 00
18	1 25	30	2 50
		36	4 75

PACKING CHARGES AT COST



Lowest Prices We Have Ever Quoted on Baskets

The Baskets we illustrate on this page are mostly well known styles. We can make any kind of a basket for you with your specifications. Give us a trial order for a $10.00 assortment of baskets and we assure you that you will be delighted with Vaughan's quality and price. Our baskets are two-tone finish unless otherwise desired.

Model	Size of Opening, Inches	Height of Body, Inches	Inches Over All	Price Each
No. 124/1Sp.	3½	10	25	$0.55
No. 124/2	4	12½	28	.75
No. 729/2	4	14	28	.80
No. 729/3	6	17½	32	1.35
No. 733	13½x5¼	7	21	.90
No. 793/3	6¾	17	37	1.25
No. 822/1	8½		16	.50
No. 822/2	9½		18	.60
No. 822/3	11		21	.70
No. 829/1	5½	12	26½	.80
No. 829/2	5½	17	32	1.10
No. 859/1	5	11½	28	.75
No. 859/2	5½	13	31	1.00
No. 925	8½x5	11	26	.85
No. 953/1	9½x7	11	26	1.00
No. 953/2	12½x7½	13	31	1.25
No. 943F	11 x7½	11	27	1.10
No. 989/1	10 x5½	11½	25	.95
No. 989/2	11 x5½	13	29	1.25
No. 1000/2	5½	11½	26	.90
No. 1013/2	4½	12	27	.75
No. 1023	3½	6	20	.30
No. 1024	3½	7½	21	.40

Model	Size of Opening, Inches	Height of Body, Inches	Inches Over All	Price Each
No. 1027	6	10½	27	$0.65
No. 1057/1	5¾	13	32	.75
No. 1057/2	7	15	33	.95
No. 1057/3	8½	19½	41	1.25
No. 1063/2	8x5	17½	35	1.25
No. 1063/1	8x5	13½	30	1.00
No. 1067/1	6	12½	29	.75
No. 1067/2	7	17	34	.95
No. 1068	10 x5½	13	30	1.10
No. 1092/1	6½x6½	14½	32	.85
No. 1095/1	8½x5¾	9½	26	.60
No. 1095/2	10½x6	12½	30	.85
No. 1095/3	12 x7½	13½	33	1.20
No. 1095/4	13 x9	14½	35	1.60
No. 1095/5	16 x10½	17½	38	2.00
No. 1093/2	7½x7½	13	32	.90
No. 1093/3	8 x8	15	36	1.05
No. 1109	6½	9	26½	.55
No. 153/1-3	8½x11½ Long		Set of 3	1.10
No. 153/2-3	11 x13 Long		Set of 3	1.35

		24"	30"	36"	42"	48"
7½	Tiffany Vase	$2.00	$2.90	$3.30	$4.00	$4.60
7	Straight Vase					

Galvanized iron liner and weighted bottom.

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.

Radiance

Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, 85c. Box of 20 spools at 80c spool.

Novelty Tinsel Pot Tie Ribbon. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width ¾-inch. Per bolt, 50c; 10 bolts for $4.75.

Plain Edge Metaline Shower Ribbon No. 2. 50-yard bolt, 50c; 10 bolts for $4.50.

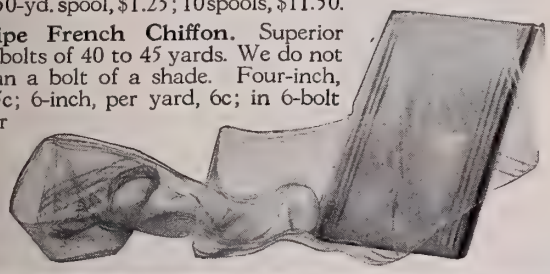
Picot Edge White Metallic Shower Ribbon. Something new and very rich looking. Price per bolt of 50 yds., 60c; 10 bolts for $5.50.

Picot Edge White Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 65c; 10 spools for $5.50.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz. $6.00.

Tinsel Ribbon. One inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, $1.25; 10 spools, $11.50.

Plain 3-Stripe French Chiffon. Superior quality. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 6c; in 6-bolt lots, 5½c per yard.



Dotted Chiffons, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 6-inch, per yard, 7c.

Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, $1.25.

Corsage Ties (Cord and Tassels). Per doz., 65c; per gross, $6.50.

Metaline. This ribbon has a bright metallic lustre with striped edges, width 5½ inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, $1.20; ten bolts, $11.50.

Ribbonzene Crinkle Baby Ribbon No. 1. All colors. 500-yard spool, 90c; doz. spools, $10.20.

Valley Pattern Chiffon. Pink, white, lavender and purple. 6-inch, per yard, 7c. Six bolts at 6½c per yard.

Metaline. Pattern 9500 has a woven edge and positively cannot fray or pull out. 6-inch edges, highly lustrous, adaptable for basket and funeral work, all colors. 40-yd. pieces, per yd., 6c; 6 bolts at 5½c per yard.

Corsage Shields, Shoulder or Wrist Shields. Chiffon edge. Per doz., $1.50; per gross, $15.00.

Waist Shields. Chiffon edge. Corsage large, medium and small. Per doz., $1.50; per gross, $15.00.

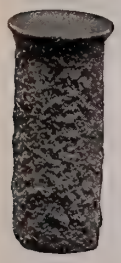
The Jardier For Potted Plants

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.

JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.

THE COLONIAL


Colonial

Standard Colors—Green with Duo-Tone Finish.
Special Colors—White with Gold Trim.

9 ins. high, 3 ins. in diameter, $12.00 per 100; 60 per carton.
12 ins. high, 4 ins. in diameter, $20.00 per 100; 32 per carton.
15 ins. high, 6 ins. in diameter, $35.00 per 100; 13 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for short stemmed flowers.

JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery — Stucco Effect

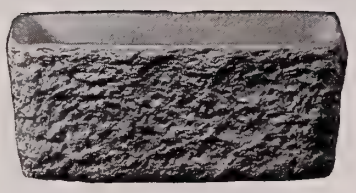
Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4	5¼ ins.	100	$ 8.00
No. 5	6¼ ins.	80	10.00
No. 6	7¼ ins.	50	13.00
No. 7	8¼ ins.	35	20.00

(EXAMPLE: Use No. 6 Jardier for a 6 in. Pot.)

JARDIER BULB BOX

No. 3 (or 3 in 1)—To hold three 3" Clay Pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4½ inches high. $20.00 per 100, packed 50 per carton.

THE JARDIER BULB BOX


No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4½ in. deep. $20.00 per 100—50 per carton.

Standard Color—Green **Special Color**—White with Gold Trim.

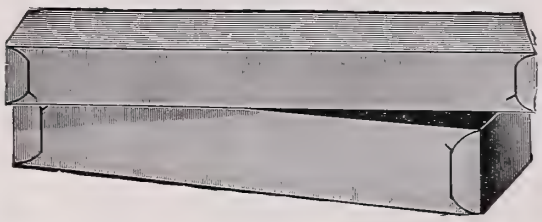
SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.

Diameter	Per Doz.
3-inch	$3.00
4-inch	4.00
5-inch	5.00

Supplies for the Florist Shop

CUT-FLOWER BOXES



Printing any single color. Per 1,000, $2.75.

Printing gold or silver. Per 1,000, $4.00.

When ordering printed boxes, allow a week or ten days extra for delivery.

VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Per 25	Weight Per 100	Per 100	Size in inches	Per 25	Weight Per 100	Per 100
18 x 5x3	$1.30	35 lbs.	$3.85	4x24x8	$2.35	70 lbs.	$ 7.45
3 x21x5	1.45	40 lbs.	4.35	5x28x8	2.75	90 lbs.	8.25
3½x24x5	1.65	50 lbs.	4.95	5x36x8	3.40	125 lbs.	11.00
3½x30x5	1.95	65 lbs.	6.00	5x42x8	4.35	165 lbs.	15.75

FLORAL DESIGN BOXES. Mist gray. Full telescope.

	Per 25	Per 100		Per 25	Per 100
No. 25. 6x30x12	$4.75	$15.00	No. 27. 8x20x20	$7.50	$25.50
No. 26. 8x36x14	7.50	24.95	No. 28. 8x24x24	8.50	29.00

Packed 25 complete per bundle.

CORSAGE BOXES. Mist Gray. Shallow lid, mist gray.

	Per 25	Per 100		Per 25	Per 100
8x5x4	$1.15	$3.25	12x8x5½	$1.75	$5.50
10x6x5½	1.50	4.50			

Write for Special Discounts on quantity orders.

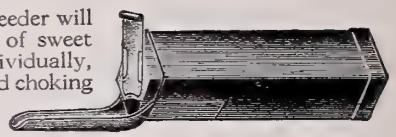
FLORAFOIL. Colored aluminum foil used for pot covers, etc. Rolls 20 inches wide in a cutter box. Colors violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, $1.45; six rolls for $8.40.

SATINET. The aristocrat of the florist foils. A smooth lustre—a soft as satin finish—a full range of colors, carefully chosen to blend harmoniously with Easter and spring flowers. Comes in rolls 50 feet long, 20 inches wide. It can be used effectively on corsages, on larger floral pieces, to wrap basket handles, and in many other ways. Satinet is available in Orchid, Sky Blue, Nile Green, Pink, Purple, Red, Green, Gold, Fuchsia and Silver Blue. Per roll, $1.60; 6 rolls for $9.00.

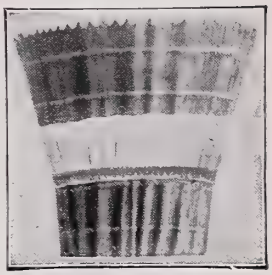
FLORIST FOIL (Trellis)

Versatile in color and application; waterproof; will not soil or discolor. Color combinations: Ivory-Silver Trellis, Ivory-Green Trellis, White-Red Trellis, Ivory-Blue Trellis, Orchid-Nile Trellis, Orchid-Silver Trellis, Gold-White Trellis, Gold-Silver Trellis, Copper-Silver Trellis, Red-White Trellis, Nile-Green Trellis, Green-White Trellis. Rolls 20 inches wide, 50 ft. long. Price per roll, $1.85; 12 rolls for $21.00.

New Handy Seeder



This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guesswork because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 40c, postpaid; three for $1.00.



STICK-TO-IT POT COVERS. Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.

	Doz.	100
5-in.	$0.85	$ 6.00
6-in.	1.10	7.50
7-in.	1.35	9.00
8-in.	1.50	10.50

Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, f. o. b. Chicago, ream (480 sheets), $1.25; 10 reams (4,800 sheets), $10.50; f.o.b. New York, ream (480 sheets), $1.40; 10 reams (4,800 sheets), $12.50.

White Wax. Medium, 24x36 inches; f. o. b. Chicago, 400 sheets, $1.50; f.o.b. New York, 480 sheets, $1.75.

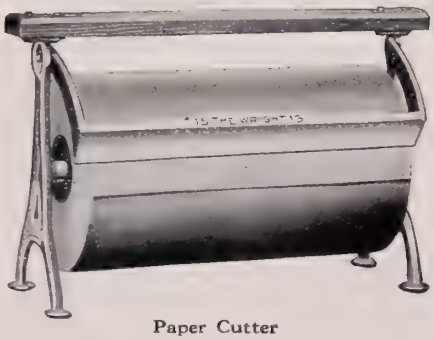
Green Wax. Beautiful shade light green, 24x36 inches, f. o. b. Chicago, 400 sheets, $1.65; f. o. b. New York, 480 sheets, $2.00.

Green Wax Wreath Rolls. Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, $1.85; 3 boxes for $5.25.

Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 30c; per doz., $3.25; 25 rolls, $6.50; 100 rolls, $24.95.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 6½c; green Kraft plain, any size roll, per lb., 7½c.

PAPER CUTTERS. 24, 30 and 36-inch. Price, complete, $2.75.



Paper Cutter

MATS, Imported Japanese Chip. Used for decorating all blooming plants. Assorted colors, plain and two-tone, less than 100, each, 4c; per 100, $3.25; 500 for $15.00.

Prepared Leaves, Bouquet Material

IMMORTELLES, Colored. White, Purple, Bright Scarlet, Pink. Blue, Light Green; bunch, 65c; doz., $7.20.
Natural (Yellow), bunch, 65c; dozen, $7.20.
Write for prices on larger quantities.

MAGNOLIA. Bronze, Green, Purple. Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color per carton, $1.50; 6 at $1.45; 50 lbs., $9.75; case of 100 lbs., $18.75 each; Red, per carton, $1.75.

LYCOPODIUM. Prepared. 10 lbs. to carton, $1.95; 25-lb. carton, $4.35; 100 lbs., $17.00.

OAK LEAVES. Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, $1.35; 6 cartons, $1.25 each.

TRANSPARENT OAK BRANCHES. Dr. Dux Autumn or Red. Per lb., $1.15; 5 lbs. for $5.50; 10 lbs. for $10.50.

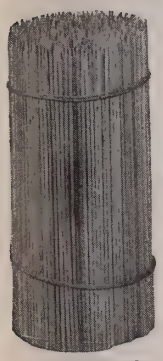
RUSCUS. Dyed Red or Green. Best quality. Price, 1 lb., 75c; 5 lbs. for $3.25; 10 lbs. for $6.00.

IMPORTED STATICE. Used extensively in Wreaths and Baskets. Natural, per lb., 60c; 10 lbs. for $5.00.

GYPSOPHILA. (Baby Breath.) Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price per bunch, 95c; 6 bunches for $5.40.

COLORED GYPSOPHILA. Rose-pink, orange, nile green, yellow, blue, and violet. Per bunch, $1.35; 6 bunches for $6.50.

SPLIT BAMBOO. Plant Stakes. 12-inch; per 1000, $1.35; per bale of 2000, $2.50; 18-inch, per 1000, $1.85; per bale of 2000, $3.50.



WIRED PICKS.

2½-inch Plain	Box of 10,000	$ 2.50
3 -inch Green	Box of 8,000	3.25
4 -inch Green	Box of 4,500	2.95
6 -inch Green	Box of 3,000	2.50
2½-inch Plain	Case of 50,000	10.75
4 -inch Green	Case of 10,000	5.25

MATCH or HYACINTH STICKS. Dyed green; 5-inch, 55c; 12-inch, $1.25; carton of 9000, $7.50; 18-inch, $1.50 per 1000; carton of 6000 at $7.50.

FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, $1.25; 3 for $3.50.

Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, $1.25; 3 for $3.50.

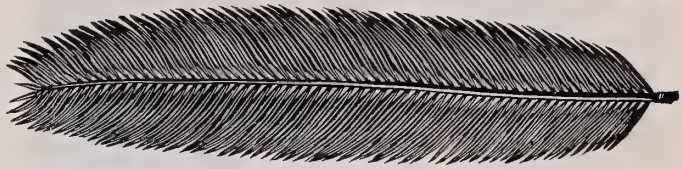
TWINE "The Queen" White Cotton Twine. 3 or 4 ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, $1.85. Write for prices on larger quantities.

TWINE—Continued

Polished Cotton. No. 228, for parcels. In ½ lb. balls, 40c per lb.
Jute. For bunching; 2 or 3-ply. Per lb., 25c; 10 lbs., $2.00; per 100 lbs., $18.00.
Silkaline. For stringing Smilax, etc., fast green color, will not fade nor break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools, $2.25; FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools, $2.25; F, Fine, 2-oz. spools, 1 lb. in box, 8 spools, $2.25.

TUBE ROPE. 6 Ply Heavy. 50 lb. Reel, $7.00.

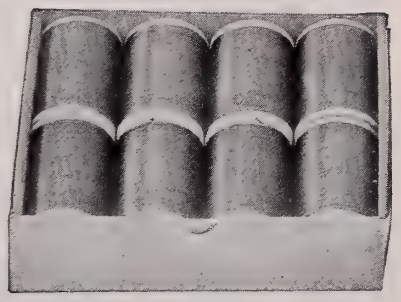
TIN FOIL. Florists' Foil. 5, 6 or 7 inch, 1 lb. rolls, 25c; 10 lbs., $2.00; 50 lbs., $9.00; 100 lbs., $17.00.
Violet or Green Foil. Per lb., 40c; 10 lbs., $3.50; 25 lbs., $8.00.



CYCAS LEAVES. Prices subject to change without notice.

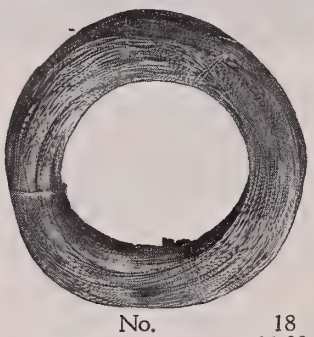
Length	Pkg.	of 10	100
4 to 8 in.	$0.25		$2.00
8 to 12 in.	.30		2.25
12 to 16 in.	.35		2.75
16 to 20 in.	.40		3.45
20 to 24 in.	.45		3.95
24 to 28 in.	.50		4.35
28 to 32 in.	$0.60		$5.25
32 to 36 in.	.80		6.25
36 to 40 in.	.90		7.35
40 to 44 in.	1.00		8.75
44 to 48 in.	1.20		10.00

Florists' Thread, Green. Myers' best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, $1.00; 10 boxes at 95c per box.



Green Sea Island Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1 lb. box, 70c; 5 boxes at 65c per box.

Green Sea Island Twine. Per cone, $1.40. 2 lbs.



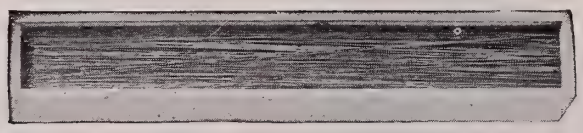
WIRE. (Prices subject to change.) **Florist Wire** on 12-lb. coils.

No. 18	$1.30
No. 20	1.45
No. 22	1.60
No. 24	1.80
No. 26	2.00
No. 28	2.35

FLORISTS' CUT WIRE. Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price	$1.30	$1.40	$1.50	$1.60	$2.30	$2.85

GALVANIZED WIRE COILS. Used for stringing benches in Carnation and Rose houses. No. 16, per 12-lb. stone, about 1200 ft., $1.50; 100-lb. coil, $7.50. No. 18, per 12-lb. stone, about 1800 ft., $1.60; 100-lb. coil, $7.95.



FERN PIN. New Philly. The bend holds the leaves firmly; easier to handle. Per box, $1.85.

PINS, GREENING. Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc., $1.85 per box of about 10,000.

BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for $4.50.

Greenhouse and Florists' Supplies

Prices quoted in this catalog are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

APRONS, RUBBER. These are especially made for us of the best quality sheeting, pliable and durable and extra long. Each, $1.65; 3 for $4.50. Postage, 20c each, extra.

BLOOMTINT. For coloring cut flowers. We can supply all standard shades. Large jar, per jar 75c; 6 jars, assorted colors, $4.00. Assortment of 10 small jars, one of each shade, for $1.80.

CABINET AND CARD ASSORTMENT. 1,000 assorted cards and Cedar Cabinet with hinged glass cover, $7.25.

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

CARDS WITHOUT CABINET.

250 assorted at $1.25	1000 assorted at $3.50
500 " " 2.00	2000 " " 6.75

RUBBER APRONS

DOVES, Vaughan's Flexible. Pure white.

First Quality, Green Label. Ea., $1.25; doz., $14.40.

Medium Quality, Red Label. Ea., $1.75.

Extra Quality Birds, Blue Label. Each, $2.00.

LETTERS AND FIGURES

BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.

PAPER SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 20c; per 100 words, $1.75; per 1,000 words, $15.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼-in. Per 100, 25c; per 1,000, $2.00.

WOOD EASELS

Strong, well made, finished in white, green and lavender.

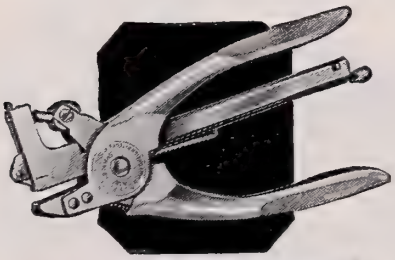
Height	Ea.	Per Doz.	Height	Ea.	Per Doz.
36-inch	30c	$3.30	54-inch	45c	$4.75
42-inch	35c	3.60	60-inch	50c	5.00
48-inch	40c	4.25	66-inch	55c	5.50

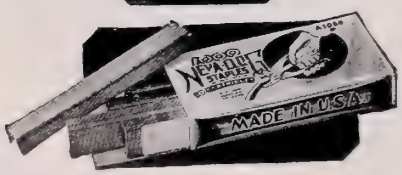
NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers

Florists' Model F100

For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, for sealing seed and bulb envelopes and 101 other uses. Has ⅜-inch jaw and uses ¼-inch and 9/32-inch staples as listed elsewhere on this page. Price, each, $4.50.





STAPLES.

All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, 7/16-inch crown, 1000 to a box.

A—1000 ¼-inch legs. Per 1000, 35c

L—1000 9/32-inch legs. Per 1000, 35c

10,000 lots, per 1000, 30c

25,000 lots, per 1000, 27c

50,000 lots, per 1000, 25c

VASE. Green Earthenware Cemetery. A strong and ornamental vase that keeps its color. Retails at 50c. Each, 35c; per dozen, $3.00; 3 dozen for $8.50.

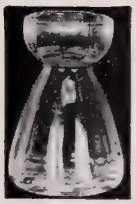
Tin Painted Green, with spike. Each, 15c; doz. $1.35; 3 doz. for $3.60.

Green Tin Vase

A Good Variety of Sizes in These Flower Vases

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Diameter Top	Diameter Bot.	Ht.	Price Per Doz.
253	4¾ in.	3½ in.	10 in.	$ 3.75
255	6½ in.	5¼ in.	12 in.	5.00
257	6½ in.	5¼ in.	15 in.	5.60
57	5 in.	3½ in.	5 in.	2.60
59	6½ in.	5½ in.	7 in.	4.20
65	7½ in.	6½ in.	8 in.	4.80
66	9 in.	7½ in.	10 in.	5.60
68	9 in.	7½ in.	12½ in.	7.60
69	9 in.	7½ in.	18 in.	9.00
70	9 in.	7½ in.	24 in.	10.20



Galv. Vase

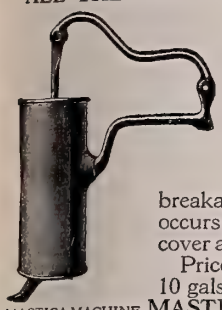
HYACINTH GLASSES. New Style, in four distinct colors. $3.25 per dozen; 3 dozen, $9.00.

HAPPINESS VASE (Blue)

Packed 12 to a corrugated shipping carton, one each in a paper carton. $2.25 per doz., f.o.b. Chicago in lots of 6 doz.; $2.10 per doz. delivered.

Glazing Tools

ALL THE BEST MATERIALS FOR GREENHOUSE USE



MASTICA MACHINE

PUTTY BULB

MASTICA, For Glazing Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass easily removed and replaced by new without breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Price, per gal., $2.45; 5 gals., $11.75; 10 gals., $23.00.

MASTICA MACHINE—Each, $3.00.

GARLANITE. The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60 gal., drums, $2.25 per gal.; kegs, 10 and 20 gals., $2.30 per gal.; 5 gal. kegs, $2.40 per gal.; gal. cans, $2.45.

MOUNT BEACON. Dark green shading for greenhouses. 1 gal., $2.75; 5 gals., $13.00.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at $1.00 a gal.; 10 and 5-gal. drums at $1.30 a gal.; one-gallon can, $1.50.

MODEL "O" SAFETY GLAZING GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, $5.00.

GLAZING PUTTY, Twemlow's Old English. Five gallons will glaze a house 100x20 feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., $2.50; 5 gals., $12.00; 10 gals., $23.50.

PAINT, Vaughan's Greenhouse White. This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., $2.95; 5 gals., $14.00; bbl. at $2.65 gal.

CLAMP, Peerless Repair.

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, $1.25.

TROJAN ROLLER TYPE GLASS CUTTER.

Doz., $1.80; each, 20c.

PUTTY KNIFE, No. 120. A very good tool. Each, 40c; 3 for $1.10.

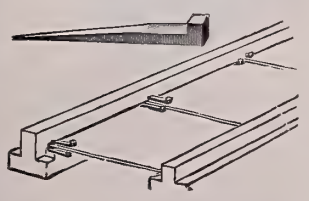
PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, $1.35; 3 for $3.75; doz., $13.00.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass.
No. 2½. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½. Per lb. (about 800), 60c; 5 lbs. at 55c per lb.

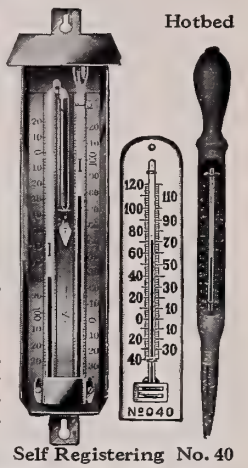
Write for prices in larger quantities.

SIEBERT'S IMPROVED.



Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, ⅝ and ⅞-inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of ⅝ in.; over 1,000 points in 1-lb. pkg. of ⅞ in. Price: per lb., 50c; 5 lbs., $2.25; 20 lbs., $8.00.

Thermometers



Self Registering No. 40

THERMOMETERS. 8-in., ordinary grade tin case thermometer, black lithographed scale, red permacolor tubes, each, 25c; doz., $2.75.

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, $1.00; 3 for $2.75; doz., $10.00.

Cabinet. Wood case; metal face. 8-in., cabinet thermometer, black metal scale, wood back, easy reading red permacolor tubes; each, 50c; 3 for $1.25.

Self-Registering Tycos. With magnet. 10-in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, $5.50.

Self Registering. No. 5454, complete with magnet for setting. Each, $3.75.

Minimum. For registering cold during absence and showing present temperature. 10-in., guaranteed accurate, each, $2.25.

Hotbed (Mushrooms). Brass point, wood frame. 18-in. Hotbed or soil thermometer, guaranteed accurate, each, $2.75.

No. 40. Greenhouse. White porcelain steel frame enameled. Black scale and figures, range 60 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., $4.50.

PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable, automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc.

Three models for various temperature ranges.

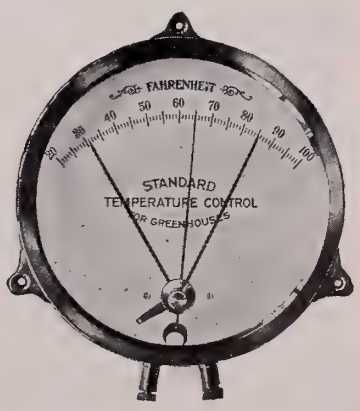
Model A36, measures from 30° to 60° F.

Model B105, measures from 10° to 50° F.

Model B410, measures from 40° to 100° F.

Price all models, each, $18.00.
Write for descriptive pamphlet.
Charts, 100 for $1.50.
Ink, special non-clogging, per bottle, 25c.

Standard Recording Thermometer No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, $35.00.



Standard Greenhouse Thermostat No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, $15.00. Shipping weight, 4 lbs.

Standard Greenhouse Thermostat No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, $10. Shipping weight, 2 lbs.

Prices do not include wire, batteries or bell.

SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from ⅛ to ½ inch. Each, $2.25.

Hot Bed Supplies

SASH, Hotbed. Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, $2.35; 3 for $6.75; doz., $25.80. Glazed, double strength, each, $4.95; doz., $54.40.

Our sash are made of clear air-dried cypress. Unglazed sash are not painted. Glazed sash are painted one coat.

40c crating charge when less than four glazed sash are ordered.

Write for prices and samples on paraseptic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.

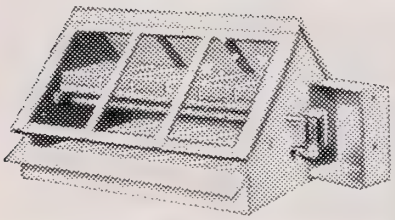
CELL-O-GLASS. Will take the place of glass in hot bed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass nor tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, $8.50; 100-ft. roll, $32.40. 28-inches wide, 100 ft. roll, $24.75.

WINDOW FABRIC. Vio-Ray. The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 20c.

MILO WATERPROOF HOTBED MATS. A combination of heavyweight burlap, felt and absorbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, repellent to rats and mice, easy to handle, wears for years. Size 40x78 inches, each, $1.95; doz., $17.85. Size 76x76 in., each, $3.75; doz., $35.00.

CONTINUOUS LENGTHS of Milo Waterproof Hotbed Matting. 40-inch width, per ft., 29c; 78-inch width, per ft., 58c.

KEENE PORTABLE PLANT STARTERS



Two popular sizes, have controlled hot water heat with a choice of either oil lamp or electric unit, a thermostatic control assures uniform and economical heat with slight attention even in freezing weather.

Model 1—18 flat size 31x41 inches, 26 inches high, shipping weight, 85 lbs. Price with oil burning unit, **$23.22.**

Model 10—Same size with electric unit, **$25.14.**

Model 2—30 flat size 31x67 inches, 26 inches high, shipping weight, 125 lbs. Price with oil burning unit, **$29.04.** Same size with electric unit, **$33.09.**

ELECTRO STATIC LAMP

The Light that Kills (Ignis Mortis)

Rid your home, garden and greenhouse of insect pests by installing one or more Electro Static lamps, which will exterminate by electrocution all insects attracted to it by the light at night and bait in day time. Operating cost a mere trifle. Harmless to domestic animals. Price, $12.25.

REEDS AND RAFFIA

REEDS. Extra White, prime quality.

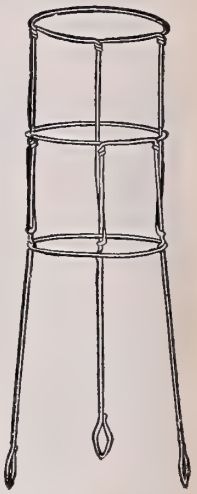
	Per lb.	5 lbs. Per lb.		Per lb.	5 lbs. Per lb.
No. 1	$0.70	$0.65	No. 5	$0.50	$0.45
No. 2	.65	.60	No. 6	.45	.40
No. 3	.60	.55	No. 7	.45	.40
No. 4	.55	.50	⅜-inch Flat	.60	.55

RAFFIA. Natural, Best Grade, f. o. b. Chicago. Lb., 35c; 5-lb. lots, per lb., 30c; 10-lb. lots, per lb., 28c; 25-lb. lots, 24c; 100-lbs., per lb., 19c. Bale lots (about 225 lbs.), per 100 lbs., $16.75.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 75c; 5 lbs. at 70c; 10 lbs. at 65c; 25 lbs. at 60c. Samples on application.

Plant Supports

MODEL EXTENSION CARNATION SUPPORTS



Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6¾ inches, bottom circle 7½ inches; total height of support, extended, 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately 410 pounds per thousand.

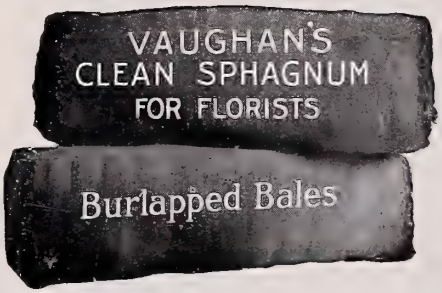
Price, 2-ring supports, $6.50 per 100; $57.50 per 1,000. 3-ring supports, $7.50 per 100; $62.50 per 1,000.

Write for price in large quantities.

CARNATION STAPLE, Pillsbury's. For mending Carnation flowers with burst calyx. Practically invisible, being made of very fine hair wire. 1,000 staples, 35c; 3,000 for $1.00.

PEONY-SUPPORTS. Made of heavy galvanized wire. Height about 42 inches, width about 13 inches. Can also be used for supporting Tomatoes, Dahlias, etc. Per doz., $2.75; in 3 doz. lots, doz., $2.65.

Sphagnum Moss



SPHAGNUM MOSS. Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. We quote L. C. L. lots as follows:

Burlapped Bales. (45x14x16 inches). **F. O. B. Wisconsin Points. For carloads, write us.**

Prices Subject to Change Without Notice.	F. O. B. Chicago	F. O. B Woods.
1 to 5 bales	Each, $1.10	
6 to 10 bales	" 1.00	Each, $0.80
11 to 24 bales	" .95	" .75
25 to 49 bales	" .90	" .70

New York Prices 35c per bale higher. Cartage Free.

Sheet Moss green, Extra fancy large sacks for Windows, Baskets, etc. Per sack, $1.35; 5 sacks, $6.25.

Order Early as the Above Prices are Expected to Advance.

SAXOLIN DUPLEX CRINKLED TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 50c; doz., $5.40.

Write us for prices on Hotbed Heating Cable and Thermostats for making Electric Heated Hotbeds.

Stakes, Pots and Tubs

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, $1.10; 500 for $4.75; per 1000, $8.50. (If shipped from New York, per 100, $1.50; 500 for $6.00; per 1,000, $10.50.) Special price on larger lots on application.

Heavier Grade. ⅛ run 8 to 9 ft.; ⅛ 9 to 10 ft.; balance 10 to 11 ft. Weight about 250 pounds per 1,000. Price (if shipped from Chicago), per 100, $2.50; 500 for $9.25; 1,000, $17.50. (If shipped from New York, per 100, $2.95; per 500, $10.50; per 1,000, $19.75.)

Japanese Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago Per 100	Per 1000	Per Bale of 2000	F. O. B. New York Per 100	Per 1000
1½ feet	$0.45	$2.35	$ 3.50	$0.45	$2.10
2 feet	.65	2.95	4.50	.50	2.60
2½ feet	75	3.45	5.50	.65	3.15
Natural. 6 ft.	1.25	8.50	.....	1.20	7.95
3 feet	.95	3.85	6.50	.80	3.65
3½ feet	1.10	4.95	7.50	.95	4.45
4 feet	1.15	5.85	9.00	1.10	5.25

Write for price in bale lots.

Pipe Stems, 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for 95c; 500, $3.25; 1,000, $6.00.

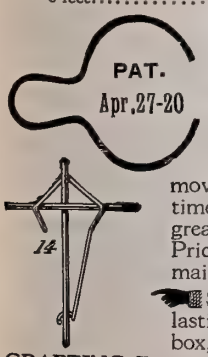
Write for price on green painted light and heavy wood stakes.

Heavy Chinese Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

Length	Diameter	F.O.B. New York Per 100	F.O.B. Chicago Per 100
4 ft.	½ to ⅝ inch	$2.65	$2.95
4 ft.	⅝ to ¾ inch	3.40	3.95
5 ft.	⅝ to ¾ inch	3.65	4.25
6 ft.	⅝ to ¾ inch	4.25	4.75
8 ft.	⅝ to ¾ inch	4.95	5.75

Galvanized Steel Wire Stakes. Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 5%; 6,000 or more, 10% from 1,000 price.

No. of Gauge, No. 9 Wire	Per 100	Per 1000	No 8 Wire	Per 100	Per 1000
3 feet	$1.40	$10.95	3 feet	$1.75	$13.25
4 feet	1.75	15.00	4 feet	2 10	17.25
5 feet	2.15	18.50	5 feet	2 45	21.75
6 feet	2.50	22.00	6 feet	3.20	25.95



PLANT TIES Lighting Wire. Per box of 1,000, $2.00; 5 or more boxes, $1.90 per box. Shipping weight per box, 2 lbs.

CLIP, Blake's New Loop Lever. For roses, 'mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price $2.00 per 1,000. Samples mailed free.

STAKE FASTENERS. Everlasting, packed 500 to a box, per box, $1.35; 10 boxes or more, $1.20 each.

GRAFTING WAX. Per ¼-lb. bar, 20c; ½-lb. bar, 30c; 1 lb., 50c.

GRAFTEX—A scientific grafting and dressing compound endorsed by leading tree surgeons. Protects the plant in every respect. Goes 50% further than other compounds. Price: ½ lb. cans, 45c; 5 lb. can, $3.75.

COLVIN SUBSURFACE IRRIGATOR

For trees, shrubs, and flowers, irrigates directly at the roots, dissolving the plant food in the soil and making it readily absorptive. Each, $2.95.

☞ **Prices on pots subject to change without notice** ☜

IMPROVED NEPONSET PAPER FLOWER POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

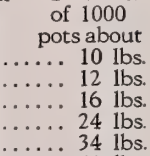
Size, inch	Per 100	Per 1000, f.o.b. New York	Per 1000, f.o.b. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	$0.50	$ 2.65	$ 2.85	1,000	10 lbs.
2¼	.55	2.75	3.00	1,000	12 lbs.
2½	.60	3.00	3.25	1,000	16 lbs.
3	1.00	3.95	4.20	1,000	24 lbs.
3½	1.10	4.95	5.25	1,000	34 lbs.
4	1.20	5.95	6.60	500	46 lbs
5	1.85	9.50	9.95	500	74 lbs
6	2.40	10.95	11.95	500	102 lbs

FLOWER POTS, Standard Red F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in Crate	Sold in Crate Lots Only	No. of Pots in Crate	
2 in.	1,500 $ 8.10 per 1,000	6 in.	117 $ 5.90 per 100
2½ in.	1,200 10.75 per 1,000	7 in.	99 9 85 per 100
3 in	800 14.00 per 1,000	8 in.	50 14.25 per 100
4 in	360 2.40 per 100	9 in.	28 21.95 per 100
5 in.	240 4.10 per 100	10 in.	24 29.75 per 100
		12 in.	6 59.50 per 100

PLANT BANDS. For growing plants in flats.



Put up in cartons of 1,000.
2-inch per M.....$2.70 3-inch per M.....$4.85

NEPONSET GREEN POTS—For Growing. This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Quan. per Case	Shipping Wt. per Carton	Price per Carton
2¼ inch	1,000	16 lbs.	$ 5.50
2½ inch	1,000	22 lbs.	6.25
3 inch	1,000	28 lbs.	6.95
4 inch	500	26 lbs.	5.30
5 inch	500	44 lbs.	7.40
6 inch	500	62 lbs.	10.00

AZALEA POTS, Also Suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch 117	$ 5.90	9 inch 28	$21.95
7 inch 99	9.85	10 inch 24	29.75
8 inch 50	14.25	12 inch 6	59.50

BULB PANS

	Doz.	Per 100		Doz.	Per 100
5 inch	$0.80	$4.10	8 inch	$2.25	$14.25
6 inch	.95	5.90	10 inch	3.90	29.75
7 inch	1.70	9.85			

FLOWER TUBS. **"Richmond Style."** These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.

	Inside Top Diameter	Depth Inside	Price, Each	Four for		Inside Top Diameter	Depth Inside	Price, Each	Four for
No. 1.	7 in.	6 in.	$0.55	$ 2.00	No. 9.	14 in.	13 in.	$1.50	$ 5.60
No. 2.	7 in.	7 in.	.60	2.20	No. 11.	16 in.	15 in.	1.70	6.40
No. 3.	8 in.	8 in.	.65	2.40	No. 13.	18 in.	17 in.	2.50	9.60
No. 5.	10 in.	9 in.	.75	2.80	No. 14.	19 in.	18 in.	2.95	11.40
No. 7.	12 in.	11 in.	1.00	3.80					

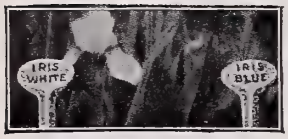
In lots of 12 tubs, less 5%. If handles are required, add 35c per tub.

FERTILE POTS. Will increase the percentage of plants that actually live and grow.

	Dimensions Inside	Packed Per Carton	Weight Per 1,000	Price Per 1,000
No. 1	1 to 1⅛ in.	1,000	40 lbs.	$ 7.00
No. 2	1½ to 1¾ in.	500	60 lbs.	9.00
No. 3	2 to 2½ in.	335	120 lbs.	12.00

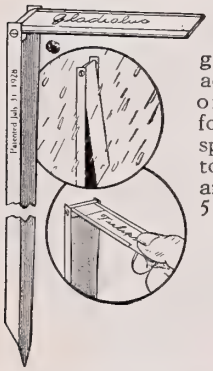
Prices F.O.B. Bridgeport, Conn. One carton may be bought at the thousand rate. We do not ship less than a carton.

Plant Labels



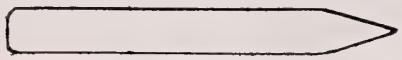
PLANT MARKERS. Oval top; made of heavy galvanized sheeting, 9 in. long, per 100, $3.00.

PLANT MARKERS. Cadmium plated, having four times the rust resistance of galvanizing. 3-in. label on 12-in. stake, per 100, $3.25; 3-in. label on 18-in. stake, per 100, $4.00; etching ink and stylus included.



PEERLESS ALL METAL PLANT MARKERS. Non-rusting, made of copper bearing galvanized metal, finished in foliage green, no acid painting or special ink necessary. The ordinary lead pencil is the very best thing to use for writing the names. No hunting for some special stake, merely take the first one you come to and change the card. This is very quickly and easily done. **Quantity Discount:** 200, less 5%; 300 or more, 10%.

	Doz.	25	50	100
12-in.,	$1.20	$1.75	$3.25	$5.95
18-in.,	1.60	2.75	5.00	9.50



Pot Label

Pot and Garden Labels

LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, ⅝ inches wide.

When ordering specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch	1000	$1.50	$1.85
5-inch	1000	1.80	2.20
6-inch	1000	2.00	2.50
8-inch	500	3.00	3.50
10-inch	500	4.00	4.50
12-inch	250	5.00	5.50
GARDEN STAKES			
8-inch— ⅞-inch wide	250	3.95	4.95
10-inch— ⅞-inch wide	250	4.95	5.95
12-inch—1⅛-inch wide	1000	6.95	8.45

LABELS (Tree). Wooden, 3½ in., copper wired. Per 1000, plain, $1.80; painted, $2.25.

WEATHERPROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.

COPPER LABELS. Wired, indestructible. Per 100, $1.50; larger size, per 100, $2.15.

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3¾ x ¾ inches. Price per 100, $1.50.

Pruning Tools

SAWS (Atkins) Double-Edged Pruning.

16-in.. $1.25
18-in.. 1.40
20-in.. 1.50

TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, $2.25; 3 for $6.25.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, $1.95.

Utility Speed Pruning Saw. Length 26 inches, carved blade. Each, $2.95.

TREE PRUNERS. Waters' 6 ft., $1.85; 8 ft., $2.10; 10 ft., $2.35; 12 ft., $2.60. Extra blades, each, 25c.

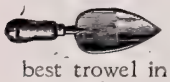
No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, $7.00.

SCYTHE BLADES

Kelly Cloverleaf Dutch grass scythes. 32-inch, ea., **$1.50.**

English Imported, riveted back, 30-inch, **$2.50**; 36-inch, **$2.75. Scythe Snath,** each, **$1·85. Scythe Stone,** Natural, **15c** each.

Trims edges ten times faster. Can also be used for trimming grass in all those places where a lawn mower won't go. Price, $24.00. Price includes 6-ft. rubber-covered cord. Extra cord, 50 ft., $2.25; 100 ft., $3.50.



TROWELS. Vaughan's Steel. Absolutely the best trowel in the world. It is one solid piece of steel, and will outwear several of the ordinary sort. Each, 85c; 3 for $2.50; 6 for $4.50; 12 for $8.40.

SHEARS, Pruning. 6-in., $1.50; 9-in., full polished with rachet, American made, best quality, $1.50. Extra springs, ea., 15c.

Snap Cut Pruner. Full polished. Each, $1.60.

Henckel Twin Brand Imported Pruning Shears, with ratchet.

7½-inch ..... each, $3.25
8½-inch ..... each, 3.75
9½-inch ..... each, 4.25

Henckel. California pattern, with brass spring, $4.00.

Border Shears. English Imported. Long handle, 9-inch, $4.75.

Border Shears. American Disston quality. 9 inch blade, long handle. Each, $3.95.

Write for Price and Leaflet on the Kemp Power Soil Shredder.

FORESTER PRUNERS

No. 1—20 inches long, designed for the fruit grower. Each, $5.00. Weight, 2 lbs. 10 ozs.

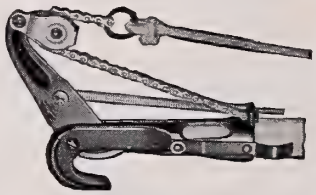
No. 2—17 inches long, has a capacity up to 1½ inch in green wood. Price, $6.00. Weight, 4 lbs., 10 ozs.

No. 3—14 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 ozs. Each, $7.00.

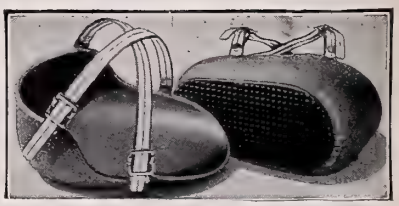
THE PORTER POINTCUT PRUNER

Light in weight, 2½ lbs., 20 inches long. Easy to sue in close places. Price, $5.00.

IMPROVED TELEPHONE PRUNER. A strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1½-inch branches. No. 11 cuts 1-inch branches. No. 11 Pruner Head only, $2.25. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, $9.50. No. 12 Pruner head only, $5.25. Price complete with head pole and two 6-ft. extension poles, $15.50.

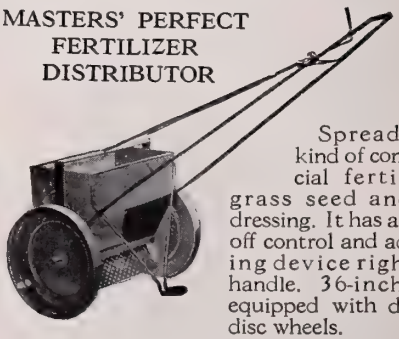


KNEE PADS



All rubber cushion pads constructed of solid and sponge rubber with adjustable straps fit any knee, will not slip down while walking. Price, $1.50; 3 for $4.25.

MASTERS' PERFECT FERTILIZER DISTRIBUTOR



Spreads any kind of commercial fertilizer, grass seed and top dressing. It has a shut-off control and adjusting device right on handle. 36-inch size equipped with double disc wheels.

16-inch size ..... $ 9.25
24-inch size 12.50
36-inch size 19.00

Rubber Hose, Couplers, Nozzles, Etc.

VAUGHAN'S FLORIST GUARANTEED HOSE

These prices are subject to change without notice.

A brand of hose manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord, make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

Guarantee—We guarantee Florist Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

25 to 49 feet.....per ft., 18c | 50 to 99 feet.....per ft., 17½c | 100 to 400 feet.....per ft., 17c.

In bales of 500 ft., 16½c ft.

CORRUGATED HOSE. High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 ft., 12½c ft.; 100 to 500 ft., 12c ft.

Price ¾ or ½ inch couplings 20c per set; sample mailed free if desired.

SPRAY HOSE. For high pressure spraying. ⅜ in., per ft., 18c; ½ in., per ft., 21c.

HOSE COUPLING, Improved Ever-Tight. No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 45c; doz., $4.80.

Corrugated Brass hose coupling, for ½ or ¾-in. hose. Each, 20c; doz., $1.95. 1-in., each, 40c; doz., $3.75.

MEYER ¾-INCH HOSE COUPLING. Connects the hose instantly by a straight push-on, and disconnects by twisting the ejector on faucet end slightly to the right. Complete coupling, each, 50c; doz., $6.00. Faucet end, each, 20c; doz., $2.40. Hose end, each, 30c; doz., $3.60.

HOSE STRAPS, Caldwell. For ½, ¾ and 1-in. hose. Doz., 35c; gross, $3.25.

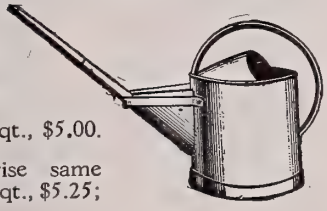
HOSE WASHERS. ¾-inch. Doz., 5c; gross, 50c.

PERFECT CLINCHING HOSE COUPLER. ¾-inch. Per pair, 30c; per doz., $2.60.

PERFECT CLINCHING HOSE MENDER. Each, 12c; doz., $1.00.

WATERING POTS. American. Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., $3.95; 6-qt., $4.25; 8-qt., $4.50; 10-qt., $4.75; 12-qt., $5.00.

French Style. Oval, otherwise same make as above. 6-qt., $5.00; 8-qt., $5.25; 10-qt., $5.50; 12-qt., $5.85.



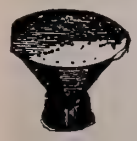
French Style

HOSE NOZZLES.

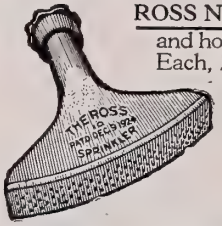
"Chicago"—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each 3¾ inches in diameter, about 100 very fine holes in each, giving both fine and coarse effective sprays. Florists like it. Price, $3.00.

Paradise Syringing Nozzle. 10-inch, each, $2.50; 18-inch, each, $3.00; extra tips, each, 35c.

Boston Rose Spray Nozzle—Brass. ¾-inch hose. State whether coarse or fine spray is wanted. Each, $1.25; by mail, $1.35.



"Justrite Nozzle"—Throwing all variations, from fine spray to stream. Each, 60c; doz., $5.25.



ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, 75c; doz., $7.50.

HOSE MENDER, The Cooper. It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no mechanical skill to adjust them. Price: For ½ or ¾-inch hose, each, 10c; 4 for 35c; doz., 80c. 1-inch hose, each, 12c; doz., $1.00.

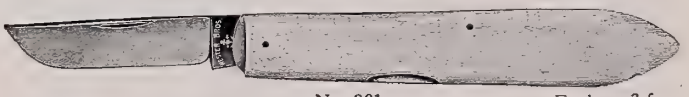
Florists' Knives

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.

No. 5A — Each — 3 for

Budding, No. 5A. Black handle; brass lined.....$1.75 — $5.00

Budding, Beech Wood Handle. Per doz., $4.00..... .40 — 1.10



No. 801 — Each — 3 for

Budding, Aluminum Handle (Imported), No. 801....$2.00 — $5.00

Vaughan's Florist (Henckel Brand) — Each

Vaughan's Florist—3 for $4.00; 12 for $15.00.....$1.50

Budding Knife—Ivory tip, black handle. Each, $1.50.

No. 1011 — Each

Propagating, No. 1011. Aluminum handle (imported).....$2.00
3 for $5.00.

Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for $5.00..... 2.00

Henckel's Nurseryman's Extra Heavy Pruner, No. 3C... 2.25

Henckel's Pruning, No. 2C..... 2.00

Putty Knife—No. 120, a very good tool; 3 for $1.10..... .45

Pruning, Stag handle..... 2.00

Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, 75c; doz., $8.50.

White Handle, No. 83023W, silver nickel shackle for chain attach. Each, $1.00; 3, $2.75.

Vaughan's High Grade Fertilizers

Prices for Florists F.O.B. New York.

The Yield and Quality of Vegetation Depend Upon Continuous and Rapid Growth.

It has been demonstrated that crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Plant food of the right amount and kind controls the yield and quality of products more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

Vaughan's Lawn and Garden Fertilizer. (5-8-6) **Five per cent nitrogen; eight per cent phosphoric acid; six per cent potash.** This mixture differs from our balanced plant ration in that it is composed of plant foods in mineral form. The advantages of mineral fertilizer include the absence of objectionable odor, and the quality of being more readily soluble, which makes it more quickly effective upon plant growth.

For a new lawn, broadcast evenly 30 to 40 lbs. per 1000 square feet. To stimulate an old lawn, apply 20 to 30 lbs. per 1000 square feet, during the growing season, wash it down immediately with the hose to prevent burning. For flowers and vegetables, use from 4 to 6 lbs. per 100 square feet. **Price, 100 lbs., $3.00; 1000 lbs., $23.00; 2000 lbs., $48.00.**

Vaughan's Balanced Plant Ration. (5-8-7) This is our best brand of concentrated manure, excellent for mixing into potting soil or as a top dressing. It is a **money-maker.** For potting soil, use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass seed is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. **Price, 100 lbs.,$3.25; 1000 lbs., $23.00; 2000 lbs., $45.00.**

Acid Plant Food. (6-15-4) A special fertilizer for Acid Loving Plants. **Price, 25 lbs., $2.50; 50 lbs., $3.50; 100 lbs., $5.50.**

Adco. **Artificial Stable Manure.** Convert all non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, vines, etc., into artificial manure. A 25 lb. bag is enough for 12 wheelbarrow loads of waste, making ½ ton of manure. **Price, 7½ lb. bags, each, 85c; doz., $8.40; 25 lbs., $2.00; 150 lbs., $10.50.** Instructions with each bag.

Aluminum Sulphate. For creating acid condition in the soil. **Price, 25 lbs., $1.25; 100 lbs., $3.50; 500 lbs., $16.00.**

Bone and Blood. **Tankage,** Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. **Price, 100 lbs., $3.25; 1000 lbs., $30.00; 2000 lbs., $58.00.**

Clay's Fertilizer. This valuable imported manure is especially recommended to all who grow either fruit, flowers, or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing. **Price, 7 lbs., $1.25; 14 lbs., $2.00; 28 lbs., $2.85; 56 lbs., $5.00; 112 lbs., $9.25.**

Cotton Seed Meal. **100 lbs., $4.00; 500 lbs., $18.00.**

Dried Blood. 12%. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. **Price, 100 lbs., $4.45; 1000 lbs., $42.50; ton, $83.00.**

Electra. (4-9-3) A great favorite with private estate gardeners, due to its being high in organic matter. **Price, 25 lbs., $2.50; 50 lbs., $4.00; 100 lbs., $6.75.**

Fairway Grass Food. Compounded for the feeding of turf grasses and for no other plant or purpose; recommended by leading turf specialists and agronomists; for use on lawns, golf courses and parkways. **Price, 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00; per ton delivered, $65.00.** Write for quantity prices.

Floranid Urea. A highly concentrated inorganic fertilizer containing 46 per cent. available nitrogen; clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. **Price, lb. can, 25c; 5 lbs., 90c; 10 lbs., $1.50; 25 lbs. for $2.75.**

Florist Special Mixture. (5-15-5) **100 lbs., $3.50; 500 lbs., $14.00; 1000 lbs., $26.00; 2000 lbs., $50.00.**

Flower Soil. For gardens and potting. A complete, neutral scientific soil, containing basic material, organic matter and plant food. Not a fertilizer. Weed free. Price, 25 lbs., **75c;** 50 lbs., **$1.35;** 100 lbs., **$2.25.**

Hardwood Ashes. Canadian Imported. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. **Price, 100 lbs., $2.75; 1000 lbs., $22.00; 2000 lbs., $42.00.**

Horn Shavings. Quick-acting and lasting. **Price, 50 lbs., $2.75; 100 lbs., $4.00; 500 lbs., $19.00.**

Hydrated Lime. For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. **Price, 50 lbs., $1.00; 1000 lbs., $8.50; 2000 lbs., $16.50.**

Vaughan's Special Rose Grower Bone Meal. **"Rose Grower".** This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 per cent; total phosphoric acid, 20 per cent. **Price, 100 lbs., $3.15; 1000 lbs., $28.00; 2000 lbs., $54.00.**

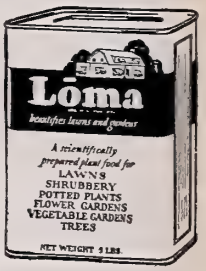
Quantity Required.—For permanent pasture and mowing lands, ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

VAUGHAN'S REGULAR BONE MEAL. **Price, 100 lbs., $2.85; 1000 lbs., $27.00; 2000 lbs., $52.00.**

Raw Bone. Ground. This material appeals to every florist who has used it. **Price, per 100 lbs., $3.00; 1000 lbs., $28.00; ton, $55.00.**

Humus. Recommended for top dressing or use on heavy clay soils. **Price, 100 lbs., $1.00; ton, $18.00.**

Leaf Mold. **Price, 100 lbs., $2.00; 1000 lbs., $17.50; 2000 lbs., $32.00.**



Loma. A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. **Price, 1-lb. carton, 24 to a case, per case, $1.44; 5-lb. carton, 12 to a case, per case, $3.48; 10-lb. bags, paper lined, packed 10 in a bale, per bale, $5.60; 25-lb. bags, 4 in a bale, per bale, $4.00; 50-lb. bags, 2 bags to a bale, per bale, $3.40; 100-lb. bag, $2.75 per 100.**

Muriate of Potash. Imported Potash, once again available, should be used liberally, especially for all root crops. **Price, 100 lbs., $3.00; 1000 lbs., $23.00; ton, $45.00.**

Nitrate of Soda or Chili Saltpeter. Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Florists who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is **to grow maximum crops** you must furnish the plant with Nitrogen. **Price (subject to market changes), 25 lbs., $1.40; 50 lbs., $2.10; 100 lbs., $3.00; 1000 lbs., $28.00; ton, $48.00.**

Nitrophoska. A highly concentrated inorganic fertilizer, clean and odorless. 15 per cent nitrogen, 30 per cent phosphoric acid and 15 per cent potash. **Price, 1 lb. can, 25c; 5 lbs., 90c; 10 lbs., $1.50; 25 lbs., $2.75.**

Write for prices on larger quantities in original bags.

Peat Moss Granulated. A moisture retaining humus, an important aid in saving soil fertility. Better than manure. **Bale, about 22 bushels, $2.75; 5 bale lots, $2.50 each.** Write for quantity prices.

Peat, Orchid. Fern roots; very useful for Orchids and Azalea. **Price, $2.25 per sack of two bushels; 5 sack lots, $2.10 per sack.**

Poultry Manure. Use it to enrich the soil for flowers, shrubs, lawns and garden. **Price, 100 lbs., $2.75; 500 lbs., $10.00; 1000 lbs., $18.00; 2000 lbs., $35.00.**

Scotch Soot. (Genuine Imported.) Florists know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. **Price, 100 lbs., $3.50; 1000 lbs., $32.50.**

Sheep Manure. **(Wizard Brand).** This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. **Price, 100 lbs., $2.15; 1000 lbs., $21.00; 2000 lbs., $40.00.**

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

We are not responsible for loss of weight, due to evaporation, of any fertilizers.

These prices are subject to change without notice.

Vaughan's High Grade Fertilizers

Prices for Florists F. O. B. New York.

Shredded Cow Manure. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. **Price, 100 lbs., $2.25; 1000 lbs., $21.00; 2000 lbs., $40.00.**

Sorbex. The finest peat organic, finely pulverized. Mix with soil in seed flats and pots. Will improve germination of fine seed. A perfect mixture is one part of Sorbex to two parts of screened garden loam by volume.
Per 10-bushel bag, $2.25; 5 or more bags, each, $2.00.

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

Stimuplant. A very effective plant food and stimulant for all house plants. 10c size put up 10 packets to a display case, **Price, 60c**; 25c size put up in counter display case, 10 to a case, **$1.50**; 75c retail size at **45c**; $2.50 retail size at **$1.50**; $3.50 retail size at **$2.10.**

Sulphate of Ammonia. Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil or 3 gallons of water. **Price, 100 lbs., $3.00; 1000 lbs., $28.00; ton, $54.00.**

Sulphate of Potash 48%. **100 lbs., $4.00; 500 lbs., $17.00; 1000 lbs., $32.00.**

Super Phosphate. 20% available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. **Price, 100 lbs., $2.00; 1000 lbs., $14.00; 2000 lbs., $26.00.**

Tree Food (10-8-6) Made especially for nurserymen and tree experts, a dependable plant food for increasing the growth and development of shade and ornamental Trees, Shrubs and Evergreens. **Price, 100 lbs., $3.50; Ton, $60.00.**

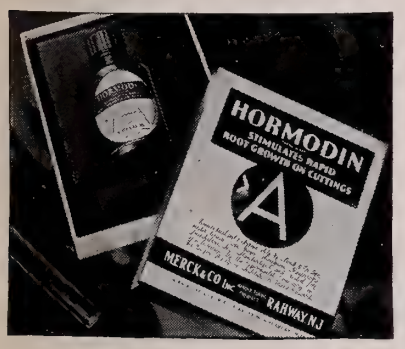
Vigoro. A specially prepared plant food. It contains all elements plants need for healthy growth, because it is a complete plant diet. A good seller **Price, 100-lb. bag, $2.75; 50-lb. bag, $1.70; 25-lb.bag, $1.00; 10-lb. pkg., 6 to a case, $3.36; 5-lb. pkg., 14 to a case, $4.06; 1-lb. pkg., 32 to a case, $1.92.**

We are not responsible for loss of weight, due to evaporation, of any fertilizers.

Root Grower—Soil Testers

HORMODIN The Root-Forming Chemical

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices f. o. b. shipping point. Hormodin is mailable. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.



Size of Pkgs. in B. T. I. Units	Price per Package
20	$ 1.00
60	2.00
240	7.00
480	13.00
960	24.00

The Sudbury Professional Soil Test Kit, $18.50

A soil test kit is invaluable to the successful gardener, permitting the proper adjustment of the soil to plant needs. The Sudbury Professional Kit is used for field tests by leading growers, greenskeepers, nurserymen and skillful amateurs throughout the country. It tests for nitrogen, phosphorus, potash, and acidity, giving all the essential information required for successful gardening. Contains enough material for 200 individual tests. Price, complete with instructions and table of plant needs, $18.50.

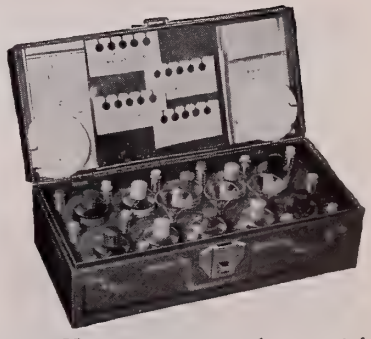
Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., $1.50.

The Sudbury Home Gardener's Soil Test Kit, $2.00

This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenskeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately. The Sudbury Home Gardener's Soil Test Kit, complete with instructions and table of plant needs, $2.00.

Testing Fluid for Refill — Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., $1.50.

The Sudbury Horticultural Soil Test Kit, $9.75

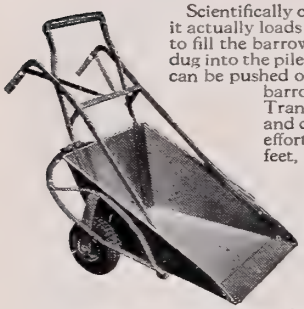


The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, $9.75.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus potash or acidity. 2 oz., 75c; 6 oz., $1.50.

Lawn and Garden Supplies

SHOVEL - BARROW



Scientifically constructed so that it actually loads and unloads itself, to fill the barrow its shovel nose is dug into the pile. Heavy materials can be pushed or dragged into the barrow without lifting. Transports with ease and discharges without effort. Capacity 4 cubic feet, width 24 inches, length 4 ft. 1 in. height 3½ ft., finish olive green, weight 94 lbs. Price equipped with steel wheels, **$17.50**; rubber-tired wheels, **$20.00**, and with pneumatic tires, **$31.50**. Freight Prepaid.

DELUXE HOME GARDEN OR GOLF COURSE WHEELBARROW

Lightest practical full-sized utility barrow on the market, yet sturdy enough to carry a load of 250 lbs. Size of tray 32x29 inches, capacity 3 cubic feet, weight 35 lbs. Channel steel legs, hardwood handles. Wheel cadmium plated steel disc type, tire 10x2¾ inches, doenut single tube cord. Price, **$7.75.**

WHEELBARROWS

Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread at handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, **$9.25.**

Equipped with a pneumatic wheel as illustrated. Price, **$16.95.**

MASTERS ALL-STEEL ALL-PURPOSE DUMP CART

Handy little wagon strongly built with heavy steel frame welded together. Lasts a lifetime. Takes the place of a wheelbarrow, but operates with greatest ease. Narrow enough to go through small door. Hauls heavy loads of earth, sand, gravel, bricks, stones, coal, ashes, vegetables, manure, potted plants, sods, shrubbery, etc. Just what every gardener and home owner needs. Price, each, **$7.95.**

For ordinary grass and weeds each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Live stock should be kept off the treated ground until the dead leaves wither away. Qt., **45c**; gal., **$1.35**; 5 gals., **$4.50**; 10 gals., **$7.50**; 30 gals., **$20.00**; 55 gals., **$28.00.**

Reade's non-poisonous weed killer, qt. can, **70c**; gal., **$2.00**; 5 gals., **$6.50.**

Reade's NON-POISONOUS Weed Killer

PURFECK

Chickweed Eliminator; kills only the chickweed and does not injure the grass, making it unnecessary to dig out the patches where chickweed appears or replant or resod such portions of the lawn or turf. Price, qt., **70c**; gal., **$2.00**; 5 gals., **$7.50.**

ATLACIDE

Non-poisonous Weed Killer Duster, especially recommended for obtaining weed-free driveways, paths, tennis courts, and gutters. 5 lb. can kills 350 sq. ft. of weeds, price, **$1.50**; 15 lb. Drum, **$2.45**; 50 lb. Drum, **$6.00.** Write for prices on larger sizes.

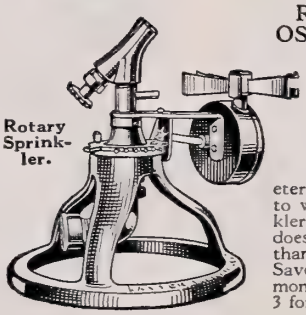
WEED KILLER KIT

Killer Kemical kills Dandelions, Thistles, Plantain, Buckhorn and other common weeds. Does not sterilize the soil — Is not poisonous or inflammable — Does not stain walks or clothing — Does not corrode or rust metals.

Killer Kane insures easy and economical application—No stooping or back-breaking. Place Kane on crown of dandelion or weed and press handle slightly. A small amount of Kemical is released and does all the work. Children as well as grown-ups can operate effectively.

Killer Kits (Kane including can Kemical), **$1.75.**

Killer Kemical, ½-gal. **$1.45**; gal., **$2.35**; 5 gals., **$9.85.**

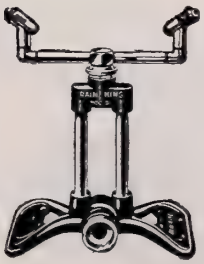


Rotary Sprinkler.

ROTARY and OSCILLATING SPRINKLER

This sprinkler is adjustable at will from bell-shaped spray or full stream, half or full circle, 15 to 80 feet diameter. It is a pleasure to watch this sprinkler in operation. It does the work better than a man can do it. Saves time, labor and money. Each, **$8.00**; 3 for **$22.50.**

MODEL D RAIN KING



Combines all the best features of both stationary and revolving sprinklers. Waters the largest lawns or the smallest corners, strips and odd-shaped places. Sprinkles in two directions at once or concentrates wherever water is wanted. Gives a gentle mist, a soaking downpour or light shower—all at instant command. Each, **$2.50**; 3 for **$7.00.**

LINCOLN PARK OR BUTTERFLY

Cheapest and best Sprinkler made. Each, **40c.** Mounted on stand; 2-foot, **$1.25**; 4-foot, **$1.40**; 6-foot, **$1.75.**

ROSS SQUARE SPRAY HEADS

It sprinkles a square, making it easy for you to install your own underground system at a very low cost. Threaded for ½-inch pipe, capacity 3¼ gals. per minute. Has a slotted adjusting screw to control the area of the spray.
No. 54A. Price, per doz., **$5.00**

THE EVANSTON SPRINKLER

One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area.
Each, **65c**; 3 for **$1.80.**

KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a ½-H.P. electric motor, that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length	38"
Width	22"
Height at discharge end	36"
Height at hopper	33"
Weight	200 lbs.
Power	½ HP.

Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.
Price of No. 6 complete ready to run.....$98.00

(F. O. B. Erie, Pa.)

Write for prices on other sizes.

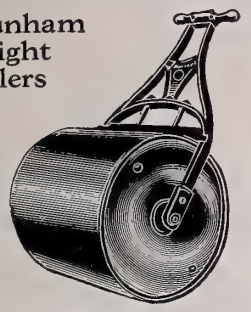
KEMP SOIL SHREDDERS

No. 5 powered with ¾ H.P. Peerless electric motor with switch and 25 ft. of cord	$195.00
No. 5 powered with 1 H.P. Briggs and Stratton gas engine	205.00
No. 5 less engine or motor	170.00
No. 1 powered with either 2 H.P. Cushman gas engine or 1½ H.P. Peerless electric motor with switch and 25 ft. of cord	265.00
No. 1 complete without motor or engine	205.00
No. 1 without motor or engine, belt or belt-shield, but with pulley for operating with tractor	195.00
No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord	400.00
No. 2 complete without motor or engine	300.00
No. 2 without motor or engine, belt or belt-shield, but with pulley for operating with tractor	290.00

Note: Prices for machines with electric motors are for single, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage.

Lawn Rollers and Trimmers

Genuine Dunham Water-Weight Lawn Rollers



Water Ballast Lawn Rollers, steel handles, roller bearings. acetylene welded drums with anti-turf-tearing tires, non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.

No.	Diam., in.	Length, in.	Sec-tions	Wt., empty	Filled, water	Price
WB5	18	24	1	85	265	$10.75
WB7	24	24	1	110	420	13.25
WB9	24	32	1	130	565	14.95

Dunham rollers with plain bearings slightly lighter than the roller-bearing rollers

No.	Diam., in.	Length, in.	Sec-tions	Wt., empty	Filled, water	Price
WB2	14	24	1	68	175	$ 7.75
WB4	18	24	1	82	265	9.00

WB1 for miniature golf courses; diam., 14 in.; width, 15 in.; wt. empty, 45 lbs.; filled with water, 115 lbs. **Price, $6.85.**

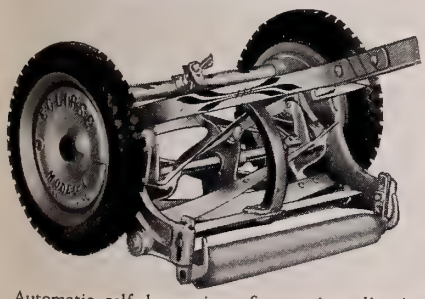
Write us for price and leaflet on Dunham Water-Weight Horse and Tractor Rollers.

Prices Subject to Change without Notice.

Gem Lawn Sweeper

This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner. The rakes are flexible, the rake-heads being divided in the middle and hung on easy swinging hinges which are kept in position by retaining springs. **Price, 24-inch wide, each, $32.00.**

The Famous Eclipse Lawn Mowers



Automatic self-sharpening, finger tip adjusting, saves yearly sharpening and adjusting expense. The first cost of an Eclipse is the last cost. Precision methods of manufacture assure long service. **Specifications: Wheels,** 10-inch closed type. **Bearings,** patented super easy running wear-proof precision adjustable bearings. Run in oil wells to provide continuous lubrication. **Blades,** heat treated tool steel, precision ground by latest type automatic grinding machines.

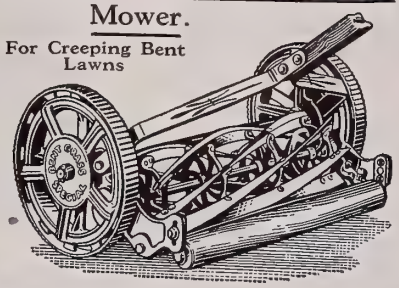
	16 in.	18 in.	20 in.
Model A—			
Pneumatic Tires	$26.50	$28.00	$29.50
Standard Wheels	23.50	25.00	26.50
Model L—			
Pneumatic Tires	19.50	21.00	22.50
Semi-pneumatic Tires	18.00	19.50	20.50
Standard Wheels	16.75	18.25	19.25
Model M—			
Pneumatic Tires	18.00	19.50	20.50
Semi-pneumatic Tires	16.75	18.25	19.25
Standard Wheels	15.25	16.75	17.75

Special Discount on Request.

Write us for price and leaflet on Motor Mowers.

Cricket Special Ball Bearing Mower.

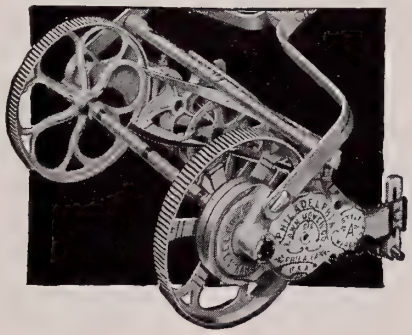
For Creeping Bent Lawns



Equipped with Demountable Rubber Tires.

Self-Adjusting Ball Bearings in revolving cylinder guaranteed for the life of the mower. Drive wheels 10½-inches in diameter, open type. Geared on both sides with reciprocating pawl ratchets. Cutter bar special design raised edge, tool steel hardened and tempered in oil. Height of cut, 3-16 inch to 1¼-inch. Seven blades, high speed tool steel, hardened and tempered, self-sharpening. Sizes: 16-inch, **$11.00**; 18-inch, **$12.50.**

Philadelphia Lawn Mower



The genuine Philadelphia Lawn Mowers are the recognized standard for high class machines. They are universally used in cemeteries and parks, where they are run constantly, day after day. The ordinary mowers cannot stand such usage. Write for catalog.

Style A. High wheel, all steel, very easy to run and light in weight. Ten-inch driving wheels. Long, large bearings, four blades, double ratchet. More of these mowers used by parks and estates than all other makes combined. Three gears on one side.

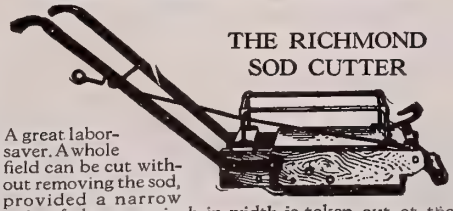
15 in.	17 in.	19 in.	21 in.
$17.75	$21.00	$23.00	$25.50

Style K. Cylinder with 5 blades. Driving wheel 10 inches. Roller bearings, bored with rifle-barrel accuracy. Vanadium crucible steel blades. Very durable. Single pinion gears on both sides.

14 in.	16 in.	18 in.	20 in.
$12.50	$13.50	$14.50	$15.50

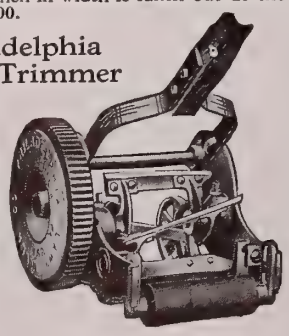
A Special Discount on 5 or More Mowers.

THE RICHMOND SOD CUTTER



A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip of about one inch in width is taken out at the start. **Price, $35.00.**

Philadelphia Lawn Trimmer



Does what Lawn Mower leaves undone. Having one side without wheel, it can run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc. Price, each, $6.75, complete.

O-K PORTABLE ELECTRIC GRASS TRIMMING, EDGING and HEDGE TRIMNING EQUIPMENT.

You can save . . . the **entire** cost of a complete outfit as shown above during **Ten or Less Days** of use . . . **Every Kind** of Grass trimming, cutting and edging can be done **anywhere**, as power plant is portable . . . **two men each using an O.K. Trimmer can do as much work as eight to ten men can using sickles.**

DeLuxe Outfit **$155.00**

Includes power plant, trimmer and cord. Up to four trimmers can be run at one time.

Standard Outfit **$125.00**

Includes power plant, trimmer and cord. Up to two trimmers can be run at one time.

Extra trimmers, **$19.00** each.

O. K. POWER PLANT

O-K Heavy duty Hedge Trimmer **$15.00**
O-K Jr. Hedge Trimmer **8.85**

You have unlimited use for O-K Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

LITTLE WONDER HEDGE TRIMMER

Illustration shows trimmer with side-cutting carriage.

Will trim your hedge five to ten times faster than hand shears. Attachments come with each machine to adapt it to flat, round or pivot tops as well as side cutting; 30-inch, **$25.00**; 40-inch, **$27.50**; 60-inch, **$32.00.**

Side-cutting carriage for trimming sides as illustrated, **$4.50.**

Electric Model

Little Wonder Hedge trimmers. Junior Model, 27-inch cutting surface. Each, with 15 ft. of wire, **$49.00.** Senior Model, 36-inch, with 15 ft. wire, **$90.00.** 60-inch with 15 ft. of wire, **$94.50.** Extra 100 ft. length best quality rubber covered waterproof wire with handy reel, **$4.00.** Write for leaflet.

Berghman Lawn Mower Sharpener

Each, **85c**; doz., **$9.00.**

Doo-Klip Grass Shears

Each, **$1.25**; doz., **$10.80.**

Doo-Klip

This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

Lawn Grass Seed Prices Are Lower

Lower costs and better margins for the dealer should make next spring a good season to push grass seed. Most grass seed crops in 1937 were large, and quality good. Wholesale prices are substantially reduced. This should enable the dealer to improve his profits even where the price to the consumer is lowered.

FANCY GRASSES

All grass seed prices subject to change without notice.

KENTUCKY BLUE GRASS. Our blue grass is all recleaned to fancy purities with low weed content and is of high germination.

Fancy. Blue grass is particularly good quality this year and our seed is from the cream of the crop. Full bags (112 lbs.), $12.50 per 100 lbs.; broken bags, 13½c per lb.; 10 to 25 lbs., 14½c per lb.

Standard. Full bags (112 lbs.), $11.00 per 100 lbs.; broken bags, 12c per lb.; 10 to 25 lbs., 13c per lb.

Extra Heavy—For particular customers, we reclean a few very fancy lots, resulting in heavy weight, extremely high test seed. Write for prices on individual lots.

RED TOP, Extra Fancy. Recleaned from selected fields. Full bags (100 lbs.), $14.00 per 100 lbs.; broken bags, 15c per lb.; 10 to 25 lbs., 16c per lb. Bags 30c each extra.

Fancy. Full bags (100 lbs.), $12.50 per 100 lbs.; broken bags, 13½c per lb.; 10 to 25 lbs., 14½c per lb. Bags 30c each extra.

CLOVER, White Dutch. Bags, 30c each extra.

Fancy. $37.50 per 100 lbs.; less than 100 lbs., 38½c per lb.; 10 to 25 lbs., 39½c per lb.

Choice Grades. $35.00 per 100 lbs.; less than 100 lbs., 36c per lb.; 10 to 25 lbs., 37c per lb.

Put up in packages of 5 lbs. and less, write for prices.

RYE GRASS, Native Grown. Full bags (100 lbs.), $9.50 per 100 lbs.; broken bags, 10½c per lb.; 10 to 25 lbs., 11½c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), $37.00 per 100 lbs.; broken bags, 38c per lb.; 10 to 25 lbs., 39c per lb.

POA TRIVIALIS (Rough Stalked Meadow Grass). Full bags (107 lbs.), $34.00 per 100 lbs.; broken bags, 35c per lb.; 10 to 25 lbs., 36c per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100 lbs., $12.50; 1-lb., cartons (ea., 17c), $14.50 per 100 lbs.; 5-lb. bags (ea., 80c), $13.50 per 100 lbs.; 10 to 25 lbs., 14½c per lb. Retails 25c per lb.

"Good Mixed" Lawn Grass Seed. $14.50 per 100 lbs.; less than 25 lbs., 16½c per lb.

Vaughan's No. 40 Lawn Mixture. Intermediate grade. 100 lbs., $16.50; 1-lb. cartons (ea., 20c), per 100 lbs., $18.50; 5-lb. bags, (ea., 95c), per 100 lbs., $17.50; 10 to 25 lbs., 18½c per lb.

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retails at 60c per lb.) Price, $40.00 per 100 lbs.; 5-lb. bags (ea., $2.20), per 100 lbs., $41.00; 1-lb. cartons (ea., 45c), per 100 lbs., $42.00. Orders for 10 to 25 lbs., 42c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, 15c (Retails for 25c) 1 -lb. carton, each, 25c (Retails for 40c)	$22.00
2 and 3-lb. cartons	21.50
5-lb. cartons or bags (each, $1.20)	21.00
10 and 15-lb. bags	21.00
100, 50-lb. and 25-lb. bags	20.00

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 15c (Retails for 25c) 1 -lb. carton, each, 30c (Retails for 45c)	$27.00
2 and 3-lb. cartons	26.50
5-lb. cartons or bags (each, $1.45)	26.00
10 15-lb. bags	26.00
100 50-lb. and 25-lb. bags	25.00

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptional shade mixture and decidedly the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet.

(Retails at 60c per lb.) Price, $40.00 per 100 lbs.; 5-lb. cartons (ea., $2.20), per 100 lbs., $41.00; 1-lb., cartons (each 45c), per 100 lbs., $42.00. Orders for 10 to 25 lbs., 42c per lb.

Note

We call attention to the fact that we carry a complete line of native and imported grasses, using great care always as to quality in our purchases, and can quote to advantage.

"Your Lawn"

This is a 16-page booklet giving the latest scientific advice on all phases of lawn making. One copy is packed with each carton of the lawn seed mixtures priced on this page.

All grass seed net cash, f. o. b. Chicago and New York.

Freshly Packed and Tested Lawn Seed in 1939 for Your Unsold 1938 Stock

Important New Policy

Seed Laws in Many States Require Dated Germination Tests

OUR dealers can now purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over out-dated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsaleable, outdated and soiled cartons.

The terms of sale are absolutely the same as heretofore.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us by December 1, 1938, and replacement will be made by March 1, 1939.

For Your Protection

All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe. With each of the deals below we furnish the vividly colored window streamer illustrated on the opposite page.

Vaughan's Chicago Parks

Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed.

Chicago Parks Deal No. 1

$15 Net Cash

Retails for $27.70

Cartons	Ret. Price
40 1-lb.	$0.40
6 5-lb.	1.95

Vaughan's No. 25 Lawn Mixture

An Economy Mixture Containing NO TIMOTHY

This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

Retails for $16.00

Cartons	Ret. Price
32 1-lb.	$0.25
Bags	
8 5-lb.	1.00

No. 25. Deal No. 2

$10 Net Cash

Proved the Best of Florists' Sidelines

1,000 Now Making Profits on Vaughan's True Floral Perfumes

From Satisfied Customers

"All in all your Perfumes prove to be a wonderful sideline. We have sold a lot of it and have been refilling our supply from time to time."

H. A. Gentleman,
Quincy, Ill.

"The Perfume and Cologne have certainly been wonderful sellers with us."

R. V. Boyle,
Santa Fe, New Mexico

"Your Perfume is a wonderful sideline for any florist. It is the best there is for the price."

Rieman's Flower Shop,
Connersville, Ind.

A thousand retail florists are now doing a highly profitable business in Vaughan's True Floral perfumes.

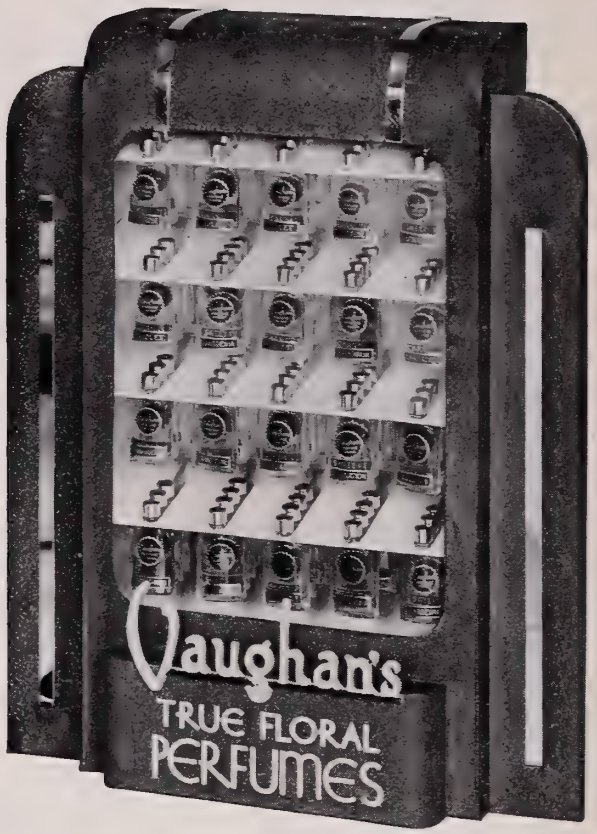
Their customers find it natural to purchase floral perfumes in a flower shop, and appreciate the savings which our prices allow over even the department stores and drug stores, though the quality of our perfumes is unsurpassed by any line.

Moreover, the vogue for oriental perfumes, with names suggesting harem life, is passing. Women are demanding the floral odors which are naturally preferred by persons of refinement. They also want to pay for honest quality in the perfume, rather than fictitious "glamour" imparted by expensive advertising.

You can try this proved sideline without risk, by sending for our introductory offer. We give you until March 1, through Christmas and Valentine Day, to sell what you can, with the privilege of returning unsold stock if you wish.

We lend you a beautiful display cabinet which keeps your stock safe and in good condition, while permitting unobstructed examination of all odors.

Let us ship this for Christmas sales! We have only a limited number of display cabinets, and cannot get more in time. Be sure to get yours!



This display cabinet, in violet crinkle finish with chromium trim and gold lettering, occupies counter space of 13 X 4½ inches and is 16½ inches tall. It holds your entire stock of 48 gold capped bottles, keeping them safe while allowing unobstructed inspection. Loaned with deal below.

OUR INTRODUCTORY DEAL

with Guaranteed Sale on March 1 Terms, for $12

If by March 1 you are disappointed in sales, you may return Displays and unsold bottles for credit to your account.

HERE IS WHAT YOU GET FOR $12.00

This assortment includes everything you need to go into the perfume business—all display material, testing samples, direct mail folders, etc.

48 one-dram bottles of perfume (12 Gardenia, 12 Lilac, 6 Frangipani, 6 Wild Rose, 6 Sweet Pea, 6 Violet).—Retail Value, at 50c per dram..$24.00

FREE DEMONSTRATION

6 testing samples (one each odor), retail value, $3.00.

Display Cabinet as illustrated, loaned to you.

Display Cards.

Consumers' folders for mailing. Not imprinted.

Total Sale Value	$24.00
Price to You	12.00
YOUR PROFIT	$12.00

REFILLS: One-dram perfumes, $3 per doz. F. O. B. Chicago

(If imprinted folders are wanted, these can be had at 50c per 100 or $2.00 per 1,000. Perfumed blotters to enclose with statements, consumers' folders, etc., are available at 50c per 100; $2.00 per 1,000. These are highly effective and bring in many customers.)

L. H. VAUGHAN, PRES.
CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

GREENHOUSES AND NURSERIES,
WESTERN SPRINGS, ILL.

Vaughan's Seed Store

GENERAL OFFICES AND WAREHOUSES
601-609 WEST JACKSON BLVD., CHICAGO

CARL CROPP, V. PRES.
NEW YORK,
47-49 BARCLAY ST.

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

All telegrams other than those for cut flowers F. T. D. should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York. F. T. D. messages to 10 W. Randolph Street, Chicago.

PRICES IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 per cent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover from which deduct 2 per cent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalog are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 per cent. of amount of order must accompany it.

PERISHABLE STOCK. Plants, Bulbs, etc., are POSITIVELY not sent C.O.D.

WHERE SOLD. Our stocks are sold F.O.B., Chicago, New York or Western Springs (unless otherwise stated), and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give **name of railroad** you wish shipped by; there is no other sure way of correct routing. **DO NOT** use the words **send, ship or forward**—they **mean nothing.** State distinctly: **Mail, Express** or **Freight.**

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for **cash goods.**

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

INSURANCE. We insure all orders for seeds for $2.00 and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than $1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOG will be given as follows:

25% on orders amounting to $1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from $1.00 to $5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for $5.00 and over, when at least 5 of a kind are ordered.

None of these seeds are returnable. They are sold outright.

10% on special offers and cut-rate collections, none on bulb collections.

Cash Discount. On orders for Flower seeds from this catalog over $2.00, if cash is enclosed, deduct 5 per cent.

No order will be charged to open account for less than 25 cents.

All telegrams other than those for cut flowers F. T. D. should be addressed to our general office at 601 W. Jackson Blvd. F. T. D. messages to 10 West Randolph St.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

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Explanation of table below: Numbers prefixed with B represent Bulbs; P, Plants; S, Seeds.

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Quality Seeds for Discriminating • Buyers •

Not On Sale At Dime Stores

OUR packet seeds are supplied on consignment on the usual terms, but with unusual display material, and a unique method of direct delivery to you by parcel post. An assortment of flower seeds, or both flower and vegetable seeds as you choose, is sent you on consignment, to be sold at 40% commission. All flower seeds are 10 cents, and some vegetables are 5 cents, some 10 cents. Each rack is dated and bears a seed analyst's certificate of the purity and freshness of its seeds. At the end of the season you return the unsold packets in a bag supplied by us, and destroy the rack. You are credited with the returns and billed for the seeds sold, less 40%.

More Brilliant Color for Our New Display Rack!

OUR illuminated display rack of exclusive design met with an enthusiastic reception in 1937, and for 1938 the same type rack will be retained with improved display value.

Replacing the simple legend "Vaughan's Seeds" at the top, will be a brilliantly colored panel, illuminated from behind, on which this legend will be intertwined with flowers and vegetables.

The picture shows the 1937 model of our new rack, and only faintly suggests its beauty. The brilliantly colored seed packets, in orderly array against the black background of the rack, are surrounded by a cream-colored frame which resembles the proscenium arch of the theater. It provides, in effect, a stage-setting, which concentrates attention on the merchandise, dramatizing its beauty.

Dimensions: It occupies 8 inches by 26½ inches on the counter and is 34 inches tall. Two racks are supplied with each complete assortment, one for flowers, one for vegetables. Weight of rack, with seed, 8 pounds. Stand it anywhere, on counter, table or glass show case, it will do no damage, is easy to move about, and with an irresistible attraction, will draw the attention of every garden fan who catches sight of its colorful packets.

Our New Packets. All flower seed packets of 1938 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower seed or vegetable seed packets or both.

Vaughan's New Illuminated Seed Display in the Beautiful Schiller Flower Shop, 2221 W. Madison St., Chicago.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

Two kinds of racks. Which for You?

Illuminated racks are provided with fixture for bulb which fits in reflection chamber back of the legend "Vaughan's Seeds," where it lights up the lettering, and also throws a bright light downward over the brilliantly colored seed packets below. It makes a brilliant, beautiful, modern display, of great decorative value and irresistible sales appeal. A perfect fixture for the fine store.

Not illuminated racks are exactly like the others in appearance but are not wired for the bulbs.

Indicate which you want on your order.

Fill out This Contract and Mail it to us NOW

Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time.

☐ Illuminated. Each requiring one 25 watt light bulb. ☐ Not Illuminated. Looks exactly like the other, but has no light.

☐ Flower and Vegetable Racks. ☐ Flower Seeds Only.

VAUGHAN'S SEED STORE
Commission Box Department
601 W. Jackson Blvd., Chicago, Ill.

_____ 19____

Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1938. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seed actually sold less 40% commission, is to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

Your Firm Name_____

Your Address_____

TRADE REFERENCES: Sign here_____

500 1st Size Glads, 10 Named Varieties, and Display Box

Gladiolus Display Box Holding 500 1st Size Bulbs, 50 each of 10 Named Varieties

$9

Retails for $18.00

F. O. B. Chicago or New York

VAUGHAN'S GLADIOLI are famous. For years they have been nationally advertised. You have only to put this box on your counter to sell out quickly.

We use **FIRST SIZE BULBS**, the size which sells best over the counter. The 10 named varieties (50 each) include the show winners **Picardy, Mammoth White, Mrs. F. Karcher, W. H. Phipps, Rosa Raisa, Edith Mason, Golden Dream, Alma, Kalamazoo, Emile Auburn**—none better known. The price to you is $9.00 for the box and 500 bulbs of 10 named varieties. You retail them for 45 cents a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. Name labels are provided to paste on the compartments. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value.

Varieties Subject to Change Without Notice.

500 1st Size Glads, Mixed Varieties, and Display Box, $6.50

This is a well balanced mixture including all colors and many of the finest varieties.
A SPLENDID RETAIL ITEM.

Where Vaughan's Gladioli Are Grown

Illustration Shows a Field Near Ovid, Mich., Under Irrigation

Vaughan's Seed Store, pioneer in gladiolus growing in the United States, continues to be the largest grower of gladiolus bulbs in this country.

The center of our production is at Ovid, Mich., though large plantings are made annually in other sections of the country.

The gladiolus Princeps, Dr. W. Van Fleet's epochal creation, first of the modern giant flowered type, was a Vaughan introduction. It has been followed by many other notable varieties, selected from the five acres of new hybrids which we grow each year in Michigan. Those which show the greatest advance in color, or form or both, are chosen to be introduced as new varieties.

Visitors are welcome during the flowering season, from about July 15 to Oct. 1, at our Michigan farms near Ovid, on Michigan route 21, 13 miles west of Owosso.

Vaughan's

Improved Blend of Petunia Dwarf Giants of California

The finest strain now available in the world, of this important florist's item. We say this after inspecting the fields of outstanding growers and testing all obtainable mixtures in our own trial grounds.

The habit of the plants is wonderfully compact, the flowers of uniformly giant size, and the color range embraces the entire scale of variations with a moderate predominance on the darker side.

We offer this as the outstanding strain of them all.

Trade pkt., $1.25; 1/64 oz., $2.25; 1/32 oz., $4.00; 1/16 oz., $7.00.

VAUGHAN'S DELPHINIUMS

Pacific Hybrids. Giant Blue Shades. (Vetterle and Reinelt.) Expert judges from both Europe and America who saw these delphiniums growing in California this year pronounced them the finest in the world. They excel in the points which are desirable in cut flowers—huge flowers, well spaced on long flowering spikes upheld on straight wiry stems, not too tall, that need no staking. Plants are 65% mildew resistant. **Trade pkt., $1.00; 1/8 oz., $2.00; 1/4 oz., $3.50; 1/2 oz., $7.00; oz., $12.00.**

The Wrexham or Hollyhock Strain which we offer is the highest development of this impressive blend. It produces tall heads with large individual flowers showing rich color combinations. **Trade pkt., 50c; 1/4 oz., $1.40; oz., $5.00; lb., $60.00.**

Blackmore and Langdon. This well-known strain needs no introduction. Its tall tapering spike, with well placed flowers, is generally recognized for its outstanding value as a cut flower. We offer the finest strain procurable. **Trade pkt., 50c; 1/4 oz., 85c; oz., $3.00; lb., $32.00.**